

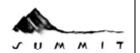
Summit Meghnaghat Power Company Limited Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018

Annual Public Environmental & Social Monitoring Report

Reporting Period: July'2017 – June'2018



Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



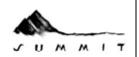
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1.0 Project Status

1.1 Project Description:

The Power Project is located at about 3km from the Dhaka-Chittagong Highway to the west, about 28 km south-east of Dhaka and about 16 km road distance from Narayanganj river port. Therefore, the power project site can be reached by road from Dhaka or from Narayanganj. Narayanganj is also at close proximity with Dhaka and most readily communicable through inter-district road and railway links.

Pursuant with the Implementation Agreement with the Government of Bangladesh (GOB) and the Power Grid Company of Bangladesh (PGCB), SMPCL had set up a dual fuel (Natural Gas / Liquid Fuel Oil) fired combined cycle power plant (hereinafter called 'Project') at Meghnaghat, Narayanaganj in Bangladesh, the capacity of the Project being 335 MW on natural gas and 305 MW on Liquid fuel.

1.2 Milestone Record:

| IA, PPA, GSA, LLA | 12 th May'2011 |
|--------------------------------------|--------------------------------|
| FSA &Project effective Date | 3 rd August'2011 |
| 230KV switchyard Charged Date | 2 nd February'2014 |
| GT-1 First Fire Date | 23 rd February'2014 |
| Gt-1 First Synchronize to Grid | 3 rd March'2014 |
| GT-2 First Fire Date | 21st March'2014 |
| Gt-2 First Synchronize to Grid | 23 rd March'2014 |
| Reliability run test of Simple Cycle | 21st to 28th May'2014 |
| SC Commercial Operation Date | 29 th May'2014 |
| CC Commercial Operation Date | 1st June'2015 |

1.3 Contact Informations

- i. A.N.M Tariqur Rashid, DMD, Summit Meghnaghat Power Company Limited. r tariqur@summit-centre.com
- ii. Md.Reaz Uddin, COO, Summit Turbine division. reaz.uddin@summit-centre.com
- iii. Md.Mushfuqur Rahman, DGM, Operaton & Compliance. mushfuqur.rahman@summit-centre.com
- iv Nowroze Ahmed- Asssitant Manager-EHS nowroze.ahmed@summit-centre.com



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2.0 Description of the Environmental Management System

SMPCL has formed a management to achieve the aims of SMPCL EHS policy. Management system standard of ISO 14001:2004, OHSAS 18001:2007 & ISO 9001:2008 have been established and achieved certification.

To find the certificates please see Annexure-1

We recognize that it is important for us to identify and prioritize our significant EHS risks, environmental aspects and safety hazards and to develop programs in order to effectively manage them to the satisfaction of our internal and external stakeholders.

Quarterly Environmental report has been submitted to department of environment as per condition given at environment clearance certificate.

2.1 Policy & Procedures

SMPCL Environmental Health & Safety Policy and commitment to maintain compliance prevent pollution and reduce injuries. O&M team, Kepco-KPS follow the EHS policy and procedures which are approved by the board of Director of Summit Meghnaghat Power Company Limited. This policy will be reviewed and revised as per policy time to time or whenever required to comply with the recognized standard for achieving the excellence. Total 17 procedures are approved in EHS category and those are below

- 1. SMPCL-EHS -001 EHS Policy.
- 2. SMPCL-EHS -002 Permit to Work.
- 3. SMPCL-EHS -003 Caustic, Acid & chlorine handling procedure.
- 4. SMPCL-EHS -004 Emergency response procedure.
- 5. SMPCL-EHS -005 Electrical Safety Program.
- 6. SMPCL-EHS -006 First Aid
- 7. SMPCL-EHS -007 Environmental & Social Management Plan & Procedure
- 8. SMPCL-EHS -008 Spill Prevention & Response Procedure.
- 9. SMPCL-EHS -009 Spill & Release Reporting Procedure
- 10. SMPCL-EHS -010 Waste Management Procedure.
- 11. SMPCL-EHS -011 Community Development Procedure.
- 12. SMPCL-EHS -012 Grievance Redress Mechanism Procedure.
- 13. SMPCL-EHS -013 Noise Exposure Evaluation & Hearing Conservation
- 14. SMPCL-EHS -014 Compressed Gas Cylinder Management Procedure.
- 15. SMPCL-EHS-015 Flammable Liquid Handling.
- 16. SMPCL-EHS -016 Machine Guarding Procedure.
- 17. SMPCL-EHS -017 Pest Control Procedure.

SMPCL policy to conduct activities in such a way as to take foremost account of the health and safety of ourselves and of other persons and preservation of environment. We will adhere to the highest standards for the safe operation of the plant and protection of



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ourselves, visitors, contractors, suppliers, contract workers, customers, citizens of the community and the environment in which we do business.

Inherent in our approach is the commitment to raise awareness of the potential effects of operations of power plant on the health, safety and environment and to ensure that personnel are fully aware of these issues and contribute to their resolution and in instilling responsibility as an intrinsic feature of all its practices and procedures.

We are committed to maintain safe and healthy working conditions to prevent injury and ill health, protection of the environment, equipment and systems of work for all of us including our neighbors', and to provide such information, training, supervision, and allocation of resource as we need for this purpose. We also accept our responsibility for the health and safety of other people who may be affected by our activities along with the environment around us.

These aims will be achieved by:

Complying with applicable local laws, regulations and standards. In absence of appropriate legislation, requirements of corporate and similar industrial good practice, where reasonably pertinent, will be applied;

Communicating openly with employees, contractors, visitors and affected parties to promote a system of enhanced health, safety and environment;

Following a process of risk and impact management that will continuously reduce the health and safety risks and protect the environment associated with the company's business activities;

Monitoring, on a regular basis, the health and safety effects of its activities on employees, and affected parties in the work environment with the view of improving the systems;

Strive to seek opportunities to minimize and/or prevent pollution through the implementation of cost effective new technology and the optimization of existing systems. Ensure safe treatment and disposal of waste.

Implementing health, safety and environment management systems based on ISO and OSHAS standards.

Setting and reviewing of OH&S and environmental objectives and targets, continual improvement and compliance with this policy will be monitored through a process of internal and external auditing and management review.

Quarterly Environmental report was submitted to department of environment as per condition given in environment clearance certificate.

A large Billboard has been posted at outfall area to aware of fisherman not to do fishing at certain area where written both in local language and in English with reflective type material "Swirling and Heavy current, caused by large volume of flowing water may prove



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fatal to those who come near to the outfall area. Therefore it is advisable not to go fishing within 80 meter in and around this outfall area.

Designated security guard has been deployed with one hand mike to warn surrounding peoples. Railing has been installed in the outfall point to prevent fall. Cooling water outfall temperature is being monitored twice a day.

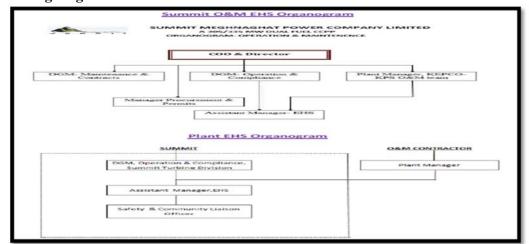
SMPCL also conducted EHS committee meeting with all departmental head regarding EHS issues in monthly basis. GRC meeting also conducted as per the schedule. Safety briefing was given to housekeeping contractor to improve housekeeping at the site.



2.2 Organizational Structure

SMPCL has developed an organizational structure with well-defined roles, responsibilities and authorities. The roles and responsibilities established in SMPCL are assigned in order to facilitate innovation and achieve results by adopting a philosophy of Employee Ownership and Supervisor Accountability. SMPCL has employed a qualified Asst Manager EHS who reports to the plant manager of O&M contractor and DGM of Summit side. One safety and community liaison officer also the member of the plant EHS team. EHS committee has been formed to manage EHS related issues. Monthly EHS meeting has been conducted to address & manage all EHS issues and findings.

EHS Organogram:





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EHS Committee Members

EHS Committee is headed by Plant Manager, Summit Meghnaghat Power Company Limited and others members are as follows

- Plant Manager.(President)
- DGM-Operation & Compliance, Summit Turbine division. (Member)
- DGM-Maintenance & Contracts, Summit Turbine division.(Member)
- General Manager-Operation. (Secretary)
- Asst. Manager-EHS. (Asst. Secretary)
- General Manager-MMD. (Member)
- General Manger-I&C and Electrical. (Member)
- General Manager-A&P.(Member)
- Shift charge Engineers-Operation.(Member)
- Senior Engineer-MMD (Member)
- Senior Engineer-I&C. (Member)
- Senior Engineer-EMD. (Member)
- Officer- Safety & Community liaison (Member)
- Manager- Procurement & Permit.(Member)
- Manager-Accounts.(Member)
- Deputy Manager-Procurement.(Member)
- Asst. Manager-HR.(Member)

2.3 Environmental Targets:

We will promote environmental excellence in our operations and communities, which includes considerations of biodiversity. We still consider biodiversity issues as an important element due diligence environmental assessments and ongoing activities in our power plant. We will continue to review our reporting not only from a timeline standpoint but also from a compliance and quality standpoint. We will continue to comply with all local laws and regulations and all corporate guidelines.

To find the objective file please see Annexure-2

2.4 Environmental Performance

EHS management approach and performance is continuously evaluated through the auditing tracking and reporting of EHS performance to management. EHS performance for each area related to compliance, pollution and injuries is consolidated periodically for management review. SMPCL is complying the legal legislation as well as term and conditions which are given at environmental clearance certificated.



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To date, the project company has not received any formal complaints or claims from neighbors of the project site or any other stakeholders concerning our environmental performance.

2.5 Project Operational Statistics

| Month | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 | Mar-18 | Apr-18 | May-18 | Jun-18 | YTD |
|----------------------------|------------|------------|-----------|------------|---------|---------|---------|---------|------------|------------|-----------|-----------|------------|
| Generation(MWH) | 136,502.00 | 175,769.00 | 63,511.00 | 105,288.00 | | * | | | 130,720.00 | 129,676.00 | 25,500.00 | 95,105.00 | 862,071.00 |
| Commercial Availability(%) | 100.00% | 100.00% | 60.78% | 66.90% | 100.00% | 100.00% | 100.00% | 100.00% | 98.25% | 100.00% | 69.96% | 100.00% | 91.26% |
| EFOF(%) | 0.00% | 0.00% | 8.25% | 9.54% | 0.00% | 0.00% | 0.00% | 0.00% | 1.75% | 0.00% | 5.38% | 0.00% | 2.09% |
| Capacity Factor(%) | 58.32% | 75.24% | 27.64% | 44.59% | 0.00% | 0.00% | 0.00% | 0.00% | 54.95% | 57.02% | 10.83% | 41.86% | 31.12% |
| Import(MWH) | 208.44 | 0.00 | 463.53 | 330.46 | 560.92 | 457.37 | 415.71 | 465.59 | 157.74 | 26.50 | 1469.01 | 579.97 | 5,135.22 |
| Aux. Consumption(MWH) | 4,151.74 | 5,034.55 | 2,820.66 | 4,107.96 | | • | | | 3,961.43 | 4,451.76 | 917.60 | 3,182.95 | 28,628.63 |

2.6 Project Environment, Health and Safety Statistics

Health and Safety Statistics (From 1st July'17 to 30th June'18)

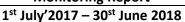
| Description | Employee | Contractor |
|----------------------|-----------|------------|
| Fatality | 0 | 0 |
| First Aid Cases | 0 | 0 |
| Near Miss | 0 | 0 |
| LTA/100, LTA/200,000 | 0.0 | 0.0 |
| Days Since Last LTA | 1,494 (Fr | rom SCCOD) |

Environmental Statistics (From 1st July'17 to 30th June'18)

| Description | 1st July'17 to 30th June'18 |
|---|-----------------------------|
| No. of accident (air/effluent/spill) | Nil |
| Quantity of NOx Emission, Tons | 4.15 |
| Calculated CO2 Emission, Tons | 479,696.51 |
| CO2 equivalent, Total Green House Gas, Tons | 482,434.073 |
| CH4, Tons | 69.13 |
| Quantity of effluent, M ³ | 20,131.488 |
| Quantity of oily cloth (kg) | 50 |
| Quantity of used oil filter.(pcs) | 196 |
| Quantity of Mud Cake, kg * | 4,636 |
| Quantity of sludge, kg | Nil |
| Quantity of used oil, (Drum) | Nil |
| Generation of medical waste, kg | Nil |



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*Mud Cake has been used for landfill.

To find the statistics file please see Annexure-3

3.0 EHS Training:

Effective training and education are essential for the success of our environmental health and safety program at SMPCL. Yearly EHS training calendar has been prepared in consultation with KEPCO, O&M Contractor. This training calendar is scheduled on monthly Basis. Monthly Technical training was conducted for the O&M employees. SMPCL also arranged external training for their employees. Target group for EHS training not only employee rather we cover office staffs, kitchen staffs, security guards, office drivers, subcontractor personnel. Training schedule is attached below. Each year this schedule is reviewed and required changes are adopted for continual improvement. Training topic selection is done through training need assessment

Training Calender-2017

| | | | | | | | · m | | | | A | | Deceptors No. 65670 Servicios No. 69 | | |
|--|--|--|----------|-------------|---------|-------|------|-------|--------|----------|-----------|---------|---|-----------|-------|
| ricps | SUMMIT | MEGHNAGHA | T POV | VER C | OMP | ANY | LTD. | | | | | | Page 1 of 1 | 16 | |
| | | TITLE EIS TRAINING | CALENDER | FOR THE TEX | CR 2017 | | | | | Schedule | | | | | |
| Mortin | Target Group | Training Conducted by | January | February | March | April | May | June | 2 July | Avgust | September | October | November | December | Remai |
| HS Policy & Practice & Grievance Procedure | MMT,ESI Team,Operation team,ASP Team & (Security Personnels,Office staff,Drivers,Ktchen staff) | Nowroza Ahmed | | | | | | | | | | | | | |
| CBA operating practice | MMT,E&I Team,Operation team,A&P | Md. Mushfuqur Rahman & Md. Moktar Hossein | | 100000 | | | | | | | | | | | |
| Vork Permit (Work permit, Hot work permit, onfined work permit, Excavation permit, work at eight Etc) | MMT.E&I Team,Operation team,A&P | Mohammad Sakhawatul Bari | | | | | | | | | | | | | |
| ire Fighting, prevention & Control | MMT,E&I Team,Operation team,A&P | Md. Salful Islam (Ope) | | | | | | | | | | | | | |
| all Prevention & Protection & Scaffoolding | MMT, E&I Team, Operation team, A&P | liqbai hossain/Mohammad Sakhawalul Bar | | | | | | | | | | | | | |
| Compressed Gas Cylinder Safety | MMT,E&I Team,Operation team,A&P | Md. Saiful Islam (MMD) | | | | | | 10000 | | | | | | | |
| Sharsical Handling & Worle Management | MMT,E&I Team,Operation team,A&P | Suman Sarkar | | | | 1 | | | 1000 | | | | | | 1 |
| tesic turb Treeting | MMT.E&I Team,Operation team,A&P Team | Md. Khurrom Samad Shourov | | | | | | | 250.00 | | | | | | - |
| Imergency Response plan | MMT,E&I Team,Operation team,A&P | Md. Mushfuqur Rahman (Ope) | | | | | | - | | 2000 | - | | | - | - |
| First Aid Training | Security Personnels Office staff, Orivers, Kitchen staff, MMT, E&I Team, Operation team, A&P Team | NA | | | | | | | | | | | | | |
| lagard Communication & Flammable Materials Handling | MMT, E&I Team, Operation team, A&P | Nowroz Ahmed (EHS) | | | | | | | | | | | | | |
| Basic Electrical Safety Training | MMT,E&i Team, Operation team, A&P | Muhammad Monowar Hossain | | | | | | | | | | | | | |
| Schavioral guideline for Personnel handling by security | Security Personnels | N/A. | | | | | | | | | | | | BEAUTY OF | 1 |
| | MMT,E&I Team, Operation team, A&P | Nowroze Ahmed (EHS) | | | | | | | | | | 0 | | | |

Training Calender-2018

| - spm | | MEGHNAGE EI EHS TRAININ | | | | | | Ь. | Trhedule | - 0 - | | Page 1 of 1 | | Ξ |
|---|--|---|-----------|----------|----------|-------|------|-----|------------|-----------|-----------|--------------------|---------------|---|
| Musth | Target Green | Venturing Constitutions by | Samuery . | February | Arterete | April | Stay | ine | August | Saytantes | Contesses | Househar | Describer | 1 |
| EHS Policy & Practice , Grevence Heistressing Procedure | MMT.EAI Team Operation team.AAP Team & Security Personnials, Office staff Drivers, Michael staff) | Newwitten Afvised (EPIS) | | | | | | | | | | | | Г |
| Chemical Handling & Waste Management Procedure | MMY,E& Years, Operation | And Rather Housest (OPE) | | | | | | | | | | | | T |
| Basic Electrical Safety Training | MMY EAI Team, Operation | Abresidal Haspery (EMI) | | | | | | | | | | | | |
| Fire Fighting, prevention & Control | MMT,EAI Team,Operation team,AAP | Sides Substitutionides Stowers (OFE) | | | | 12/15 | | | | | | | | Е |
| Fiat Frevention & Frotection, Scattlesiding strotered and uses. | MMY,EAI Years,Operation team,A&P | Wast Mrd. Sharrism (MMrd()) | | | | | - 1 | | | | | | | |
| Emergency Response Plan | MMY.EAI Yearn,Operation team,ABP | Rahaman (OPE) | | | | | | | | | | | - | Е |
| 1) All work related PPE requirement 2) SCBA operating practice | MMT,EAI Team, Operation team, A&P | (EP45) | | | | | | | | | | | | |
| Seaso Militarony | MMT.E&I Team, Operation | Add. Shurrors Samed Unsurery | | | | | | | | | | | | Т |
| 1) Compressed Gas Cylinder Safety 2) Employee Basio betweenest transing | MATERITEMIN.Operation town, ARP | Advantage arms of Autority & Substitute Training | | | | | | | | | | | | |
| First Aid Treiring | Security Personniete, Office staff, Convers, Holdison staff, MMT, Eld Team, Operation team, A&F Years | Enhanted Tremer (DPCS) | | | | | | | | | | | | |
| Handing | MMY,EAI Team,Operation team,A&P | Palmaruse Aferrani (E245) | | | | | | | | | 1000 | | | |
| Work Perrott Work perrot Fest work permit, confirmed work permit, Exceptation permit, work at heapts (Etc.) | AMT EAI Team, Operation team, AAP | MAIL Salful Islams (COPIC) | | | | | | | | | | | | Г |
| Stationviscost guidalese for Personnel handling by | Becurity Personnels | External Transer | | | | | | | | | | | MAKE BE | |
| Chemical & Of Spill Control | MMT, EAI Team, Operation team, A&P | And Atomias Houselle (8745) | | | | | | | | 1000 | | | | |
| A Bornello Florit Manager MARIL | | | | 100 | DGM, Opi | Co.S. | _ | | < | | | ating Cifficer & t |) Streetur | |



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| | EHS Training Details-July'17 to June'18 | | | | | | | | | |
|----|---|---|----------------------------------|-------------------|--|--|--|--|--|--|
| Sl | Month | Training Topics | Duration of Training Hours | Total Man hour | | | | | | |
| 1 | July'17 | Chemical Handling & Waste Management & Basic IMS Training | 1 | 34 | | | | | | |
| 2 | August'17 | Emergency Response plan | 1 | 30 | | | | | | |
| 3 | Cantambar, 17 | Chemical & Oil Spill Control | 1 | 21 | | | | | | |
| 3 | September'17 | Basic First Aid (Refresher) Training | 8 | 568 | | | | | | |
| 4 | October'17 | Hazard Communication & Flammable Materials Handling | 1 | 21 | | | | | | |
| 5 | November'17 | Basic Electrical Safety Training | 1 | 24 | | | | | | |
| 6 | December'17 | Behavioral guideline for Personnel handling by security | 1 | 14 | | | | | | |
| 7 | January'18 | EHS Policy & Practice, Grievance Redressing Procedure | 1 | 37 | | | | | | |
| 8 | February'18 | Chemical Handling & Waste Management Procedure | 1 | 32 | | | | | | |
| 9 | March'18 | Basic Electrical Safety Training | 1 | 37 | | | | | | |
| 10 | April'18 | Fire Fighting, prevention & Control | 1 | 24 | | | | | | |
| 11 | May'18 | Fall Prevention & Protection, Scaffolding standard and uses | 1 | 23 | | | | | | |
| 12 | June'18 | Emergency Response Plan | 1 | 26 | | | | | | |

3.1 Scheduled in-house training

July'17

EHS training on "1) Chemical Handling & Waste Management 2) Basic IMS Training& Technical training "Maintenance skill on Rotating Equipment" was conducted on 23/07/17.

To find the training report please see Annexure-4







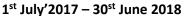
Total Man-hour

891



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August'17

EHS training on "Emergency Response plan" & Technical training "Different types of control loop's working principle" was conducted on 17/08/17.

To find the training report please see Annexure-4













September'17

Scheduled EHS training on "Chemical & Oil Spill Control" &First aid training, Technical training on "Blackout Management" was conducted on 19 & 20 sept 17 & 24/09/17.









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October'17

EHS training on "Hazard Communication & Flammable Materials Handling" & Technical training "Operation and working principle of MOV, pneumatic control and hydraulic control valve" was conducted on 24/10/17.

To find the training report please see Annexure-4







November'17

EHS training on Basic Electrical Safety Training& Technical training "230 KV switchyard operations" were conducted on 20/11/17.

To find the training report please see Annexure-4





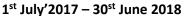


December'17

EHS training on "Behavioral guideline for Personnel handling for security personnel's & Technical training on "Maintenance skill on control valves" were conducted on 27/12/2017.



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January'18

EHS training on "EHS Policy & Practice, Grievance Redressing Procedure& "CCPP cold Startup & Combined Cycle Process" was conducted on 31/01/2018.

To find the training report please see Annexure-4







February'18

EHS training on "Chemical Handling & Waste Management Procedure& Technical training "Servo, hydraulic, pneumatic operation control valve operation and their uses in SMPCL" was conducted on 26/02/2018.

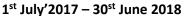








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March'18

EHS training on "Basic Electrical Safety Training" & Technical training on "Demi water train and MBP Regeneration & Water treatment & waste water treatment process" was conducted on 19/03/2018.

To find the training report please see Annexure-4







April'18

EHS training on "Fire Fighting, prevention & Control & Technical training on "Significance of Measurement of IR for Electrical Equipment's" was conducted on 18/04/2018.

To find the training report please see Annexure-4

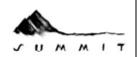






May'18

EHS training on "Fall Prevention & Protection, Scaffolding standard and uses & Technical training on "Maintenance skill on control valves" was conducted on 28/05/2018.



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June'18

EHS training on "Emergency Response Plan" & Technical training on "DCS/PLC Control Module and its hardware orientation with communication protocol" was conducted on 26/06/2018.

To find the training report please see Annexure-4









Safety Induction training for contractor & Visitors

All contractors and subcontractors & Visitors are trained by SMPCL EHS personnel before going to their job or site visit. Every 6 month interval refresher training also ensured to subcontractors & Visitors. EHS personnel briefly describe about Plant site safety rules and practice.



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Refresher Training for Security personnel's

Refresher training was arranged for security personnel's about plant policy, practice, grievance mechanism, first aid procedure etc.







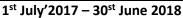
3.2 External Training

First Aid (Refresher) Training:

As per EHS Training schedule first aid (Refresher) training has been conducted by Bangladesh Red Crescent Society on 19 & 20 Sept'2017.



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4.0 Management of EHS Practice and Monitoing

4.1 EHS work practice

SMPCL is regularly monitoring overall site condition such as housekeeping, misuse of water, hot work, Confined space work& work at height. PPE are being strictly maintained inside the plant. PPE zone has been declared inside the pant. Plant security management system has been established.

4.2 Ambient parameters and record

EHS personnel are monitoring overall environmental performance of different items like stack emission quality, ambient air quality, liquid effluent, noise, solid waste. The plant has developed a good waste management procedure for proper segregation disposal of different type of wastes. SMPCL has made an agreement with DoE approved vendor for disposing of different types of wastes in an environment-friendly way.

Effluent parameter test record: Analytical test has been carried out by BCSIR

| Parameter | DoE Standard | October'17 | April'18 |
|---------------------|--------------|------------|----------|
| рН | 6.0-9.0 | 6.19 | 7.38 |
| BOD at 20 °C (mg/l) | 50 | 2.14 | 1.46 |
| TDS (mg/l) | 2100 | 16.4 | 86.6 |
| COD (mg/l) | 200 | 3.92 | 5.88 |



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| DO (mg/l) | 4.5-8 | 7.69 | 7.33 |
|------------|-------|------|------|
| TSS (mg/l) | 150 | 10.5 | 8.4 |

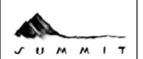
Ambient air quality test record:

Ambient air quality has been tested by third party accredited laboratory as per EHS schedule. Department of Environment also collected ambient air sample to do the test by their own lab Please double click on the following icon to find the all ambient air test record.

To find the report please see Annexure-6

Installed AAQMS monitoring Record: (July'17~June'18):

| Sample Frequency | Ambient Air Quality Parameter | World Bank Group/IFC | Performance In WBG/IFC | Host Country | Performance in Host Country units |
|---------------------|---|-------------------------|----------------------------|-----------------------------------|--------------------------------------|
| (e.g. quarterly) | | Maximum Levels | Units Annual Average | Regulatory Limits and units | Annual average |
| Monitoring L | ocation:- Station-1 | | | | |
| | | Annual arithm | etic mean | | |
| 24 Hours | Particulate Matter (PM ₁₀) | 150 μg/m ³ | 12.39µg/m3 | 150 μg/m ³ | 12.39µg/m3 |
| 24 Hours | Particulate Matter (PM _{2.5)} | 75 μg/m ³ | 11.04µg/m3 | 65 μg/m ³ | 11.04µg/m3 |
| 24 Hours | SOx | 125 μg/m ³ | 14.39 μg/m3 | 365 μg/m ³ | 14.39 μg/m3 |
| Hourly | NOx | 200 μg/m ³ | 7.61 µg/m3 | 100 μg/m ³ | 7.61 µg/m3 |
| 8 Hourly | SPM | Not set by IFC | 23.12 μg/m3 | 200 μg/m ³ | 23.12 μg/m3 |
| | | Maximum (24 h | our average) | | |
| 24 Hours | Particulate Matter (PM ₁₀) | 150 μg/m³ | 51μg/m³ | 150 μg/m ³ | 51μg/m³ |
| 24 Hours | Particulate Matter (PM _{2.5)} | 75 μg/m³ | 43μg/m³ | 65 μg/m ³ | 43μg/m³ |
| 24 Hours | SOx | 125 μg/m ³ | 207*μg/m ³ | $365 \mu g/m^3$ | 207*μg/m³ |
| Hourly | NOx | 200 μg/m³ | 80.92μg/m3 | 100 μg/m ³ | 80.92μg/m3 |
| 8 Hourly | SPM | Not set by IFC | 77μg/m3 | $200 \ \mu g/m^3$ | 77μg/m3 |



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| Sample | Ambient Air Quality | World Bank | Performance | Host | Performance in Host |
|--------------|--|------------------------|---------------------|-----------------------|---------------------|
| Frequency | Parameter | Group/IFC | In WBG/IFC | Country | Country units |
| (e.g. | | Maximum | Units | Regulatory | Annual average |
| quarterly) | | Levels | Annual | Limits and | |
| | | | Average | units | |
| Monitoring L | ocation:- Station-2 | | | | |
| | | Annual arithn | netic mean | | |
| 24 Hours | Doutionlete Metter (DM) | | 53.31 μg/m3 | | 53.31 μg/m3 |
| | Particulate Matter (PM ₁₀) | $150 \mu g/m^3$ | | $150 \mu g/m^3$ | , , |
| 24 Hours | Particulate Matter | 75 μg/m ³ | 41.49 μg/m3 | 65 μg/m ³ | 41.49 μg/m3 |
| | $(PM_{2.5})$ | /3 μg/III ⁵ | | 03 μg/111 | |
| 24 Hours | SOx | | 7.08 μg/m3 | | 7.08 µg/m3 |
| | SOX | $125 \mu g/m^3$ | | $365 \mu g/m^3$ | |
| Hourly | NOx | | 6.83 μg/m3 | | 6.83 μg/m3 |
| | NOX | $200 \mu g/m^3$ | | $100 \mu g/m^3$ | |
| 8 Hourly | SPM | Not set by | 64.39 μg/m3 | 200 μg/m ³ | 64.39 μg/m3 |
| | 31 IVI | IFC | 04.39 μg/1113 | 200 μg/III | 04.39 μg/1113 |
| | N | /Jaximum (24 h | our average) | | |
| 24 Hours | Particulate Matter | | 255*ua/m3 | | 255*ua/m3 |
| | (PM ₁₀) | 150 $\mu g/m^3$ | 255*μg/m³ | $150 \mu g/m^3$ | 255*μg/m³ |
| 24 Hours | Particulate Matter | 75 . / . 3 | 405* . / . 3 | 65 / 3 | 405* . / . 3 |
| | (PM _{2.5)} | 75 μg/m ³ | 185*μg/m³ | $65 \mu g/m^3$ | 185*μg/m³ |
| 24 Hours | SOx | 125 μg/m ³ | 24μg/m ³ | $365 \mu g/m^3$ | 24μg/m ³ |
| Hourly | NO | • • | 46.6μg/m3 | | 46.6μg/m3 |
| , | NOx | $200 \mu g/m^3$ | , 0, | $100 \mu g/m^3$ | , 3, |
| 8 Hourly | | Not set by | 319.17*μg/m | | |
| - Jan., | SPM | IFC | 3 | $200 \ \mu g/m^3$ | 319.17*μg/m3 |
| | | | • | ı | |

| Sample | Ambient Air Quality | World Bank | Performance | Host | Performance in | | | | | | |
|--------------|--|----------------------------|---------------|-----------------------|--------------------|--|--|--|--|--|--|
| Frequency | Parameter | Group/IFC | In WBG/IFC | Country | Host Country units | | | | | | |
| (e.g. | | Maximum | Units | Regulatory | Annual average | | | | | | |
| quarterly) | | Levels | Annual | Limits and | | | | | | | |
| | | | Average | units | | | | | | | |
| Monitoring L | Monitoring Location:- Station-3 | | | | | | | | | | |
| | | Annual arithm | etic mean | | | | | | | | |
| 24 Hours | Particulate Matter (PM.) | | 3.07 µg/m3 | | 3.07 µg/m3 | | | | | | |
| | Particulate Matter (PM ₁₀) | $150 \mu g/m^3$ | | $150 \mu g/m^3$ | | | | | | | |
| 24 Hours | Particulate Matter | 75 μg/m ³ | 2.07 μg/m3 | 65 μg/m ³ | 2.07 μg/m3 | | | | | | |
| | $(PM_{2.5})$ | 75 μg/III | | ου μέλιι | | | | | | | |
| 24 Hours | SOx | | 7.53 μg/m3 | | 7.53 µg/m3 | | | | | | |
| | 30x | $125 \mu g/m^3$ | | $365 \mu g/m^3$ | | | | | | | |
| Hourly | NOx | | 11.33 μg/m3 | | 11.33 μg/m3 | | | | | | |
| | NOX | $200 \mu g/m^3$ | | 100 μg/m ³ | | | | | | | |
| 8 Hourly | SPM | Not set by | 13.06 μg/m3 | $200 \mu g/m^3$ | 13.06 μg/m3 | | | | | | |
| | SI WI | IFC | 13.00 μg/1113 | 200 μg/III | 13.00 μg/1113 | | | | | | |
| | N | laximum (24 ho | ur average) | | | | | | | | |
| 24 Hours | Particulate Matter | | 0ug/m³ | | 9μg/m³ | | | | | | |
| | (PM ₁₀) | 150 $\mu g/m^3$ | 9μg/m³ | $150 \mu g/m^3$ | 9μg/111 | | | | | | |
| 24 Hours | Particulate Matter | 75 7/203 | 0 | 65 | 0.1.0/1003 | | | | | | |
| | (PM _{2.5)} | 75 μg/m³ | 8μg/m³ | $65 \mu g/m^3$ | 8μg/m³ | | | | | | |
| 24 Hours | SOx | 125 μg/m³ | 34μg/m³ | 365 μg/m ³ | 34μg/m³ | | | | | | |
| Hourly | NO | _ | 46.8μg/m3 | . 0 | 46.8μg/m3 | | | | | | |
| , | NOx | 200 μ g/m ³ | . 5 | $100 \mu g/m^3$ | . 5, | | | | | | |



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| 8 Hourly | SPM | Not set by IFC | 18.42μg/m3 | 200 μg/m ³ | 18.42μg/m3 |
|----------|-----|-------------------|------------|-----------------------|------------|
|----------|-----|-------------------|------------|-----------------------|------------|

| Sample | Ambient Air Quality | World Bank | Performance | Host | Performance in |
|--------------|---|------------------------|-------------|--------------------------|-----------------------|
| Frequency | Parameter | Group/IFC | In WBG/IFC | Country | Host Country units |
| (e.g. | | Maximum | Units | Regulatory | Annual average |
| quarterly) | | Levels | Annual | Limits and | |
| | | | Average | units | |
| Monitoring L | ocation:- Station-4 (Village | *) | | | |
| | | Annual arithm | etic mean | | |
| 24 Hours | Particulate Matter | | 46.34/m3 | | 46.34/m3 |
| | (PM_{10}) | $150 \mu g/m^3$ | | $150 \mu g/m^3$ | |
| 24 Hours | Particulate Matter | 75 μg/m ³ * | 31.87 μg/m3 | 65 μg/m ³ | 31.87 μg/m3 |
| | $(PM_{2.5})$ | 1.5 | | | |
| 24 Hours | SOx | | 23.36 μg/m3 | | 23.36 μg/m3 |
| | SOA | 125 μg/m ³ | | $365 \mu g/m^3$ | |
| Hourly | NOx | _ | 50.36μg/m3 | _ | 50.36μg/m3 |
| | 1101 | 200 μg/m ³ | | $100 \mu g/m^3$ | |
| 8 Hourly | SPM | Not set by IFC | 64.06 μg/m3 | $200~\mu g/m^3$ | 64.06 μg/m3 |
| | N | /laximum (24 ho | ur average) | | |
| 24 Hours | Particulate Matter | 450 / 3 | 205*μg/m³ | 150 | 205*μg/m ³ |
| | (PM ₁₀) | 150 μg/m ³ | | μg/m ³ | |
| 24 Hours | Particulate Matter (PM _{2.5)} | 75 μg/m ³ | 133*μg/m³ | $65 \mu g/m^3$ | 133*μg/m³ |
| 24 Hours | SOx | 125 μg/m ³ | 27μg/m³ | $365 \mu g/m^3$ | 27μg/m ³ |
| Hourly | NO. | | 51.38μg/m3 | | 51.38μg/m3 |
| | NOx | 200 μg/m ³ | | $100 \mu g/m^3$ | |
| 8 Hourly | SPM | Not set by IFC | 265.2*μg/m3 | 200 μg/m ³ | 265.2*μg/m3 |

^{*} During the month of October to March, these parameters crossed the limit though that time plant was shut down condition as there was no demand from off taker (BPDB). As there was in shut down condition, there was no contribution of the plant operation to these exceedance. There are many cement industry, paper, plastic and various consumer production industry which might contribute the exceedance.

Plant underground water quaity test Record

This test has been conducted in every three month interval by BCSIR

| Parameter | July'17 | Oct'17 | Jan'18 | April'18 |
|-----------|---------|--------|--------|----------|
| рН | | | 7.09 | 7.05 |
| | 7.56 | 6.85 | | |

^{**} SOx value of station-1 showing erratic since June'18. Procurement process in progress to purchase new sensor. In the meantime third party test carried out and SOx and other values found within limit.



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| Total Alkalinity (as | | | 172.8 | 146 |
|---------------------------------------|-----------|---------------|-----------|-----------------|
| CaCO ₃) mg/L | 154 | 156 | | |
| Manganese (Mn) mg/L | | | 1.95 | 1.69 |
| | 2.05 | 1.97 | | |
| Nitrate-Nitrogen (NO ₃ -N) | | less than 3.0 | | |
| mg/L | | as | 2.43 | 3 |
| | 3 | nitrate(NO3) | | |
| Total Hardness as CaCO ₃ | | | 318.9 | 241 |
| | 287 | 288 | | |
| Chloride (Cl) | | | 351 | 249 |
| | 292 | 328 | | |
| Arsenic (As) mg/L | less than | less than | 0.0091 | |
| | 0.005 | 0.005 | | less than 0.005 |
| Iron (Fe) mg/L | less than | | 0.47 | 0.49 |
| | 0.2 | 0.48 | | |
| (TDS) mg/L | | | 624 | 619 |
| | 691 | 669 | | |
| Lead (Pb) mg/L | Less than | Less than | Less than | |
| | 0.01 | 0.01 | 0.01 | Less than 0.01 |
| | | | 4.5 | 2.51 |
| Turbidity (NTU) | 3.1 | 2.89 | | |

River water quality test record: River water sample test also carried out three months interval by external accriediated laboratroy(BCSIR)

| Parameter Name | July'17 DPHE (intake) | July'17 DPHE (Outfall) | Oct'17 (Intake) | Oct'17 (Outfall) | Jan'18 (Intake) | April'18 (Intake) | April'18 (Outfall) |
|--------------------|-----------------------------|------------------------------|--------------------|---------------------|--------------------|----------------------|-----------------------|
| рН | 8.1 | 7.7 | 6.43 | 6.65 | 7.29 | 7.19 | 7.32 |
| TSS (mg/L) | 5 | 7 | 19.8 | 2.2 | 54.8 | 8 | 1.8 |
| EC(μS/cm) | 81 | 78 | 65.1 | 65.9 | 123.6 | 181 | 191 |
| DO (mg/L) | 7.96 | 7.53 | 6.66 | 6.96 | 6.75 | 5.1 | 6.39 |
| COD (mg/L) | 48 | 72 | 2.94 | 6.58 | 18.67 | 9.8 | 7.84 |
| BOD (mg/L) | 13 | 20 | 1.26 | 2.44 | 4.2 | 1.05 | 0.36 |
| Turbidity (NTU) | 7.82 | 12.4 | 15.2 | 19.2 | 7.23 | 5.58 | 6.92 |
| TDS (mg/L) | 37 | 38 | 53.8 | 30.8 | 61.8 | 105 | 115 |



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Test Conducted By:

- 1) **DPHE:**Department of Public Health and Engineering
- 2) BCSIR: Bangladesh Council of Scientific and Industrial Research

River water temperature Monitoring record: Please find the day wise river water inlet and outlet temperature tracking record for the year of July 2017 to June 18.

To find the report please see <u>Annexure-7</u>

Noise Monitoring Record:

Noise exposure evolution and workplace noise monitoring have been carried in 2017 as per SMPCL-EHS-013 (Noise Exposure Evaluation & Hearing Conservation Procedure). Please double click on the following icons to find the monthly ambient noise monitoring & Noise exposure evolution and workplace noise monitoring record.

To find the report please see Annexure-8

Waste generation & disposal Record

SMPCL has developed waste management procedure which procedure number (SMPCL-EHS-010). SMPCL has made an agreement with DoE approved contractor for disposing different category of wastes in environment friendly way. The record is maintained for monthly basis. Please double click on the following icon to find the yearly waste generation and disposal record.

To find the report please see Annexure-9

5.0 Site visit details:

During the reporting period OEM personnel's, Bangladesh fire service & civil defense personnel, Govt. officials visited SMPCL. They took a site tour after completing the safety induction training.

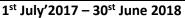
Study tour at plant:

Students of Indipendent University Bangladsh (IUB) visited SMPCL during the reporting period as part of their study program. Before going to site visit safety induction training was ensured to all students. The purpose of their visit was undersding power plant process and practice.

They took a site tour after completeing some part of technical training. They visited each establishmet such as Control room, GT hall, HRSG-1&2, Switchyard etc.



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Hot work and Confined Space work system:

In the site all hot work and confined space work are done through permit to work system. Before performing hot work and confined space work, Summit O&M team take all precautionary measure such as barricading hot work area, keeping fire extinguishers near at hot work area, removing all combustible and flammable types 'materials from hot work area.

6.0 Emergency Preparedness

In preparation for earthquakes, fires, the leakage of toxic substances, and other eventualities, we have established emergency response procedures and communication and reporting systems. We also carry out periodic training programs to reinforce our emergency preparedness, while reviewing the response procedures from time to time.

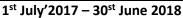
6.1 Mock Drill Practices

SMPCL has developed a well-defined emergency response procedure focusing on the many emergency issues such as fire/explosion, medical emergency, hazardous material release, earthquake response, Chlorine release emergency response, severe weather, spill response during transportation and transfer, response. All assembly points have been marked and sign boards have been provided at appropriate places on the site. A yearly mock drill calendar has been developed. As per the Mock drill calendar, all drills have been conducted successfully. A joint fire drill with a collaboration of local fire defense authority has been conducted in December 17, 2017. All reports are attached for reference.

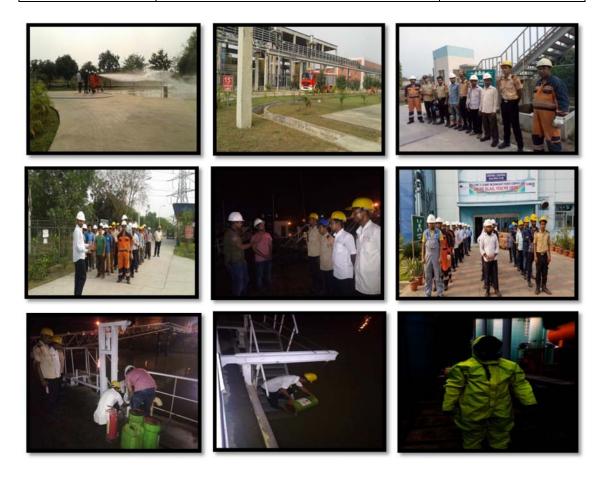


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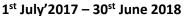
To find the report please see Annexure-10

7.0 SMPCL Grievances Mechanism.

A grievance readdresses procedure has been developed for taking into account grievance raised by various stakeholder and local neighbors. A suggestion/complaints box and a register book are maintained at the gatehouse, which is always accessible to the neighboring people and the project stakeholders for putting down their comments, suggestions or complaints. Another one grievance register book has been kept in HR department for plant employees.

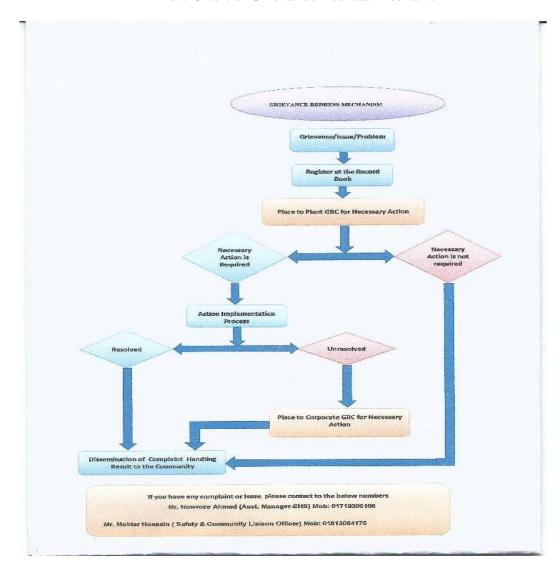


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Flow Chart of Grievance Redress Mechanism



The objective of a grievance management procedure is to ensure that all comments and complaints from any project stakeholder, including local/regional authorities, SMPCL employees, SMPCL contractors' staff and other interested parties, are considered and addressed in an appropriate and timely manner. All grievances will be acknowledged and responded to within a reasonable timeframe.

GRC meeting was conducted on half yearly basis. Members of the committee were present during the meeting. Meeting report attached for reference.

To find the report please see Annexure-11



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7.1 Public Consultation & Disclosure

SMPCL is maintaining a very open and healthy relation with nearby community members. SMPCL conducted a public consultation among the Boilakir Char, Islampur, Dudghata, Kurbanpur, Gonganagor, Ashariar Char, and Pachani villagers. A leaflet was distributed with all environmental parameters monitoring record to community peoples. A leaflet also posted in several places within those villages. Formal and informal meetings were conducted from time to time between the community neighbors and the members of the company's on different issues.

A suggestion/complaints book is maintained at the gatehouse, which is always accessible to the neighboring people and the project stakeholders for putting down their comments, suggestions or complaints

Pictures of the public consultations.



To find the report please see Annexure-12

8.0 Community Development program

SMPCL has planned for CSR activities as part of the community development program.

8.1 CSR Activities

As part of the Community development work CSR activities will be executed as follows.



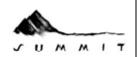
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1) Boundary Wall construction at Kurbanpur Primary School

SMPCL carried out a social quantification study conducted by an Independent consultant to assess the extent of benefit to the community by the community development work already done by the company & also determine the scope of probable development work for the rest of the villages. According to the recommendation given by the community members while assessing the scope of new development work at Kurbanpur village the most prioritized development work was constructing a road from primary school to main village. According to the same assessment, constructing a boundary wall for the primary school at Kurbanpur village was in the 2nd priority. Since the work which was in 1st priority has already been accomplished by the local villagers, they considered their demand for constructing a boundary at the primary school as the most prioritized work for now. SMPCL conduct a consultation to take consents from all the participants regarding the change in their demand priority. At present SMPCL is working to execute the priority based work in the kurbanpur Village.



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9.0 Annexure List



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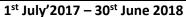


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9.1 Annexure-1 ISO Certificates



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CERTIFICATE



Management System as per EN ISO 9001: 2008

In accordance with TÜV AUSTRIA procedures, it is hereby certified that

SUMMIT MEGHNAGHAT POWER COMPANY LIMITED Char Ramzan Sunaullah, Meghnaghat, Sonargaon, NARAYANGANJ-1441, BANGLADESH

Applies a Quality Management System in line with the above Standard for the

GENERATE AND PROVIDE UNINTERRUPTED SUPPLY OF ELECTRICITY FROM 335/305 MW DUAL FUEL COMBINED CYCLE POWER PLANT.

Certificate Registration No.: 1617100063897

Valid until: 2018-09-15*

Rashid Mehr CEO

Certification Body at TÜV AUSTRIA

Lahore, 2017-01-09

This certification was conducted in accordance with TÜV AUSTRIA auditing and certification procedures and is subject to regular surveillance audits.

*The validity of the present certificate is renewed provided that the audit, according to the Standard EN ISO 9001:2015, has a positive result, according to the Regulation of TUV Austria Hellas.

TÜV AUSTRIA HELLAS 429, Mesogeion Ave. GR-153 43 Athens, Greece www.tuvaustriahellas.gr

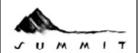




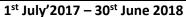
TÜV AUSTRIA GROUP

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CERTIFICATE



Management System as per EN ISO 14001 : 2004

In accordance with TÜV AUSTRIA procedures, it is hereby certified that

SUMMIT MEGHNAGHAT POWER COMPANY LIMITED Char Ramzan Sunaullah, Meghnaghat, Sonargaon, NARAYANGANJ-1441, BANGLADESH

Applies an Environmental Management System in line with the above Standard for the following Scope

GENERATE AND PROVIDE UNINTERRUPTED SUPPLY OF ELECTRICITY FROM 335/305 MW DUAL FUEL COMBINED CYCLE POWER PLANT.

Certificate Registration No.: 161776063897

Valid until: 2018-09-15*

Rashid Mehr CEO

Certification Body at TÜV AUSTRIA Lahore, 2017-01-09

This certification was conducted in accordance with TÜV AUSTRIA auditing and certification procedures and is subject to regular surveillance audits.

* The validity of the present certificate is renewed provided that the audit, according to the Standard EN ISO 14001:2015, has a positive result, according to the Regulation of TUV Austria Hellas.

TÜV AUSTRIA HELLAS 429, Mesogeion Ave. GR-153 43 Athens, Greece www.tuvaustriahellas.gr



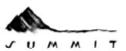
CePRK405_A7

Headquarters in Athens bear the responsibility of the Certification decision



GROUP





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CERTIFICATE



Management System as per OHSAS 18001: 2007 / ELOT 1801: 2008

In accordance with TÜV AUSTRIA procedures, it is hereby certified that

SUMMIT MEGHNAGHAT POWER COMPANY LIMITED Char Ramzan Sunaullah, Meghnaghat, Sonargaon, NARAYANGANJ-1441, BANGLADESH

Applies an Occupational Health & Safety Management System in line with the above Standards for the following Scope

GENERATE AND PROVIDE UNINTERRUPTED SUPPLY OF ELECTRICITY FROM 335/305 MW DUAL FUEL COMBINED CYCLE POWER PLANT.

EA Scope / Risk category: 25 / A

Certificate Registration No.: 161799063897

Valid until: 2020-01-08

CEO

Certification Body at TÜV AUSTRIA

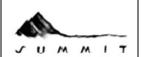
Lahore, 2017-01-09

This certification was conducted in accordance with TÜV AUSTRIA auditing and certification procedures and is subject to regular surveillance audits.

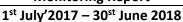
TÜV AUSTRIA HELLAS 429, Mesogeion Ave. GR-153 43 Athens, Greece www.tuvaustriahellas.gr





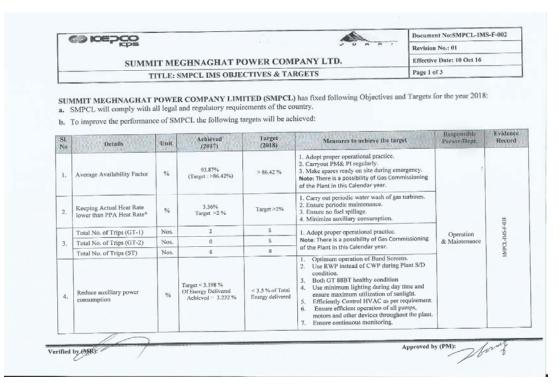


Annual Public Environmental & Social Monitoring Report

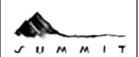




9.2 Annexure-2 Objective



| • | is icebes | | | | | 450 | Bevision No. | | IMS-F-00 | | |
|-----------|---|---------------------|---------------------------------|---------------|-----------------------|--|---------------------------------------|--------------|---------------|--|--|
| | | | **** | TAX A CE TO | OWED (| COMPANY LTD. | 344-1431-031-113 | | 6 | | |
| | | | | | | & TARGETS | Effective Date: 10 Oct 16 Page 2 of 3 | | | | |
| _ | | | | | | the state of the s | | nestan | in a | | |
| - | o protect environment thr | THE PERSON NAMED IN | Achie | | 1 resources Target | by reducing the consumption; the following | | be achiev | red: | | |
| SL No. | Details | Unit | (20) | | (2018) | Measures to achieve the target | | son/Dept. | Reco | | |
| 1. | Water consumption | мз | Actu 23159 Targ <425,0 | 24 m3 et = | < 425,000 | Ensure no water splillage. Ensure proper recycling of water. Ensure continuous monitoring. | | EHS | SAPCL-MISF-MS | | |
| 2. | Hazardous Waste Generation | KG | 50 | kg | 90 kg | By reusing. By recycling. | | | | | |
| 3. | No. of Environmental Incidents | Nos. | | | 0 | Provide environmental training to employees. Ensure standards operating procedures. Conduct Risk Assessment. | | | | | |
| | MPCL will restrict occur he plant, occurrence of the | | | | following t | Measures to achieve the target | Re Per | due to ill h | Eviden- | | |
| 1. | Occurrence of lost time due | to accident | Nos. | 0 | 0 | Ensure Awareness training on Occupational b and safety. Ensure proper use of PPEs. | ealth | | SPC. BIS F495 | | |
| 2. | Occurrence of Fatality | | Nos. | Nos. 0 0 | | Follow safe working practice. Ensure hazard control measure. | | EHS | | | |
| 3. | Near Miss | | Nos. | - 1 | 0 | Follow safe working practice. Ensure risk control measure. | | | | | |
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Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018





Annual Public Environmental & Social Monitoring Report

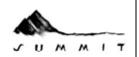


1st July'2017 – 30st June 2018

9.3 Annexure-3 Safety Statistics

| COMPANY NAME: | | | | SMPCL | | | | | - | | - |
|---|---------|-------------|--|------------------|-----------|---------------------------|------------------------|-----|------------|---------------|-----------------------------|
| | | | | | | | | | | | |
| CALENDAR YEAR: | | | JULY | "2017 to JUNE'18 | | | | | | | |
| | EMP | LOYEE | ł. | | | | CONT | TR/ | ACTOR | | |
| Total number of recordable in and illnesses | njuries | | | | Total num | ber of record illnesse | able injuries and s | | | | |
| 0 | | | Total recordable cases incidence rates | | 0 | | | | Total reco | ordable cases | |
| divided by | Х | 200,000 = | | .00 | | divided by | | Х | 200,000 = | | 0.00 |
| 162912 | | | | | | 150358 | 3 | | | | |
| Hours worked by all emplo | yees | | | | Hours | worked by a | ll employees | | | | |
| Total number of recordable in | niuries | | | | Total num | her of record | able injuries and | | | | |
| and illnesses with days away | y from | | | | illnesses | | vay from work & | | | | |
| 0 | | | Cases involving days away from work incidence rate | | 0 | | | | | | olving days a dence rate |
| | | (200,000 = | ٥ | .00 | | divided by | | X | 200,000 = | 0 | 0.00 |

| Employee Year | ly Manhour (July'17 t | o June'18) | Contractor Yea | rly Manhour (| July'17 to June'18) | Total Ye | arly Manhours (July | 17 to June'18) |
|---------------|-----------------------|------------|----------------|---------------|---------------------|--------------|---------------------|----------------|
| Month | Hour | Remarks | Month | Hour | Remarks | Month | Hour | Remarks |
| July'17 | 13812 | | July'17 | 9944 | | July'17 | 23756 | |
| August'17 | 13568 | | August'17 | 8536 | | August'17 | 22104 | |
| September'17 | 12824 | | September'17 | 13504 | | September'17 | 26328 | |
| October'17 | 14144 | | October'17 | 14968 | | October'17 | 29112 | |
| November'17 | 12720 | | November'17 | 8224 | | November'17 | 20944 | |
| December'17 | 12928 | | December'17 | 7696 | | December'17 | 20624 | |
| January'18 | 13072 | | January'18 | 13918 | | January'18 | 26990 | |
| February'18 | 12120 | | February'18 | 12288 | | February'18 | 24408 | |
| March'18 | 14052 | | March'18 | 13072 | | March'18 | 27124 | |
| April'18 | 14364 | | April'18 | 19752 | | April'18 | 34116 | |
| May'18 | 16008 | | May'18 | 22824 | | May'18 | 38832 | |
| June'18 | 13300 | | June'18 | 5632 | | June'18 | 18932 | |
| Total Hour: | 162912 | | Total Hour: | 150358 | | Total | 313270 | |



Annual Public Environmental & Social Monitoring Report



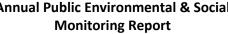
1st July'2017 – 30st June 2018

Incident Statisitcs for the year (July'17 to June'18)

| | | | | Incidents | , | | | |
|--------------|---------------|---------------|-------|-----------|----------|-----------|--------------------|----------------|
| Month | Employee Type | Working Hours | Fatal | Losttime | Nearmiss | Days Lost | Incident Rate (LT) | Days-away Rate |
| July'17 | Employee | 13812 | 0 | 0 | 0 | 0 | 0 | 0 |
| July 17 | Contractor | 9944 | 0 | 0 | 0 | 0 | 0 | 0 |
| August'17 | Employee | 13568 | 0 | 0 | 0 | 0 | 0 | 0 |
| August 17 | Contractor | 8536 | 0 | 0 | 0 | 0 | 0 | 0 |
| September'17 | Employee | 12824 | 0 | 0 | 0 | 0 | 0 | 0 |
| September 17 | Contractor | 13504 | 0 | 0 | 0 | 0 | 0 | 0 |
| October'17 | Employee | 14144 | 0 | 0 | 0 | 0 | 0 | 0 |
| October 17 | Contractor | 14968 | 0 | 0 | 0 | 0 | 0 | 0 |
| November'17 | Employee | 12720 | 0 | 0 | 0 | 0 | 0 | 0 |
| November 17 | Contractor | 8224 | 0 | 0 | 0 | 0 | 0 | 0 |
| December'17 | Employee | 12928 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 17 | Contractor | 7696 | 0 | 0 | 0 | 0 | 0 | 0 |
| January'18 | Employee | 13072 | 0 | 0 | 0 | 0 | 0 | 0 |
| Juliuary 18 | Contractor | 13918 | 0 | 0 | 0 | 0 | 0 | 0 |
| February'18 | Employee | 12120 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tebruary 18 | Contractor | 12288 | 0 | 0 | 0 | 0 | 0 | 0 |
| March'18 | Employee | 14052 | 0 | 0 | 0 | 0 | 0 | 0 |
| Widicii 18 | Contractor | 13072 | 0 | 0 | 0 | 0 | 0 | 0 |
| April'18 | Employee | 14364 | 0 | 0 | 0 | 0 | 0 | 0 |
| April 16 | Contractor | 19752 | 0 | 0 | 0 | 0 | 0 | 0 |
| May'18 | Employee | 16008 | 0 | 0 | 0 | 0 | 0 | 0 |
| Way 10 | Contractor | 22824 | 0 | 0 | 0 | 0 | 0 | 0 |
| June'18 | Employee | 13300 | 0 | 0 | 0 | 0 | 0 | 0 |
| Julie 10 | Contractor | 5632 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | Employee | 162912 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 Julian | Contractor | 150358 | 0 | 0 | 0 | 0 | 0 | 0 |
| SN | /IPCL | 313,270 | - | - 1 | - | - | - | - |



Summit Meghnaghat Power Company Limited Annual Public Environmental & Social



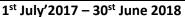


1st July'2017 – 30st June 2018

9.4 Annexure-4 EHS Training Report

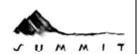


Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018





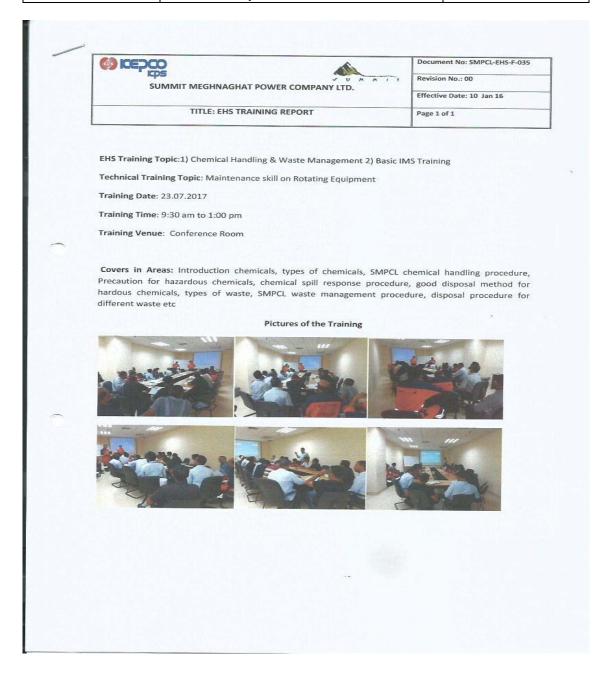
9.4.1 July'2017

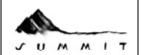


Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018





Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



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| 24 | Md. Sawkat Ali | EMO | Ra) |
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Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



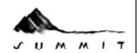
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| Mon | ATTENDA Holy EHS & Technical Training (| NCE SHEET | Date: 22 | 3/09 |
| S/N | Name of Attendees | Department | Sign | atur |
| 26 | Md. Regard Korim Md. Nigom Uddin | 188 | Pin | 4 |
| 27 | Md. Nigom Uddin | M. M.D | CAN TRANS | mo |
| 28 | Ahmedul Hogue | EMD | Thay | ~~ |
| 29. | MD: Salom | H.M.D | Somo | _ |
| 30 | 40. Chanchol | MMD | Cross | |
| 31 | Epulam fr. N2th | 18P. | Port | , |
| 32 | Ashis kumar Das | ASP | Bhy | |
| 33 | Mohammad Raziem Moni | OPD | de la companya della companya della companya de la companya della | |
| 34 | MD. Asif al Alam | 17-0PD | Pac. |) |
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Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



9.4.2 August'2017



Annual Public Environmental & Social Monitoring Report



1st July'2017 - 30st June 2018





Document No: SMPCL-EHS-F-035

Revision No.: 00

Effective Date: 10 Jan 16

Page 1 of 1

SUMMIT MEGHNAGHAT POWER COMPANY LTD.

TITLE: EHS TRAINING REPORT

EHS Training Topic: Emergency Response plan

Technical Training Topic: Different types of control loop's working principle

Training Date: 17.08.2017

Training Time: 9:30 am to 12:30 pm

Training Venue: Conference Room

Covers in Areas: Definition of emergency. Briefly describe SMPCL emergency response procedure. Assembly points numbers and locations. Fire emergency procedure, Chlorine emergency procedure, Bomb threat procedure, Oil spill and response procedure, Structural collapse emergency, high voltage emergency, Community evacuation procedure, Emergency response team members, fire fighting & rescue equipments, emergency communication method.



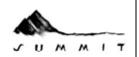








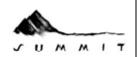




Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



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| 'n | Sauful Islam. | MMD | | Stu |
| 7. | Suprobhat Lr. Cahoch | ISC | | (FSEA) |
| 8. | Muhammad Eakhquatul Barci | MMD | | S. ARO |
| 9. | Wil Md Sharin Hannain | Maint, Meah | | A CUY |
| 10. | MD. ASIF ZAMAN | Executive Trai | nee | AS |
| 11. | | ET | | Rankel |
| 12. | Pore Rahman | Trainer | | R. |
| 13 | Zahin | MMD | - | = |
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| 19 | ASHIK AHMED | MMD | | -Abre- |
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Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



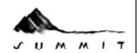
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Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



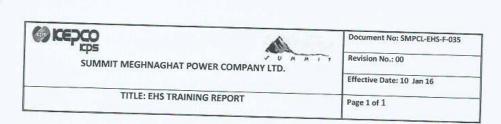
9.4.3 September'2017



Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018



EHS Training Topic: Chemical & Oil Spill Control

Technical Training Topic: Blackout Management

Training Date: 24.09.17

Training Time: 9:30 am to 12:30 pm

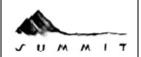
Training Venue: Conference Room

Covers in Areas: Definition of hazardous chemicals and flammable materials, Types of chemicals and flammable using in SMPCL, Safety handling practice for chemicals and flammable materials. Safe storage and disposal practice. Meaning of MSDS, Emergency contact information. PPEs for chemicals and flammable materials. Safety precaution for different types of chemicals and flammable materials.









Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



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| | S/N | Name of Attendees | Departmen | t | Signature |
| | 1 | Md. Rezaul Karim | A8P | | Rung |
| - | 2 | md. Saiful Islam | mmo | | Sew |
| - | 3 | Md. Mushfigur-Us-Salehen | EMD | | Slan |
| - | 4 | Almed | EMD | | Hoon |
| - | 5, | Md. Moktar Jossain | EHS | | 3/51 |
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Annual Public Environmental & Social Monitoring Report



1st July'2017 - 30st June 2018

Bangladesh Red Crescent Society

Training Department

TRAINING COORDINATOR'S REPORT

1. Title of the Training: Refresher Training on First Aid

Date: 04/10/2017

2. Organizer/Host: Summit Meghnaghat Power Company Limited

- 3. Course Objective: Participants are able to gained update information and refresh their knowledge and skill from the training and also able to provide assistant to other causality.
- 4. Venue: Summit Meghnaghat Power Plant Premises, Baranagar, Narayanganj.
- 5. Duration: 19 & 20 Sep. 2017 (2 courses)
- 6. Name of the Facilitators: Ms. Supriya Saha and Ms. Sharmin Akter Papry.

7. No. of participants:

By gender: Male: 32 + 33=65

Female: 0

Total: 65

Overall Impression: The training environment of the organizations was very excellent, friendly and was also Academic atmosphere for the learning point of view. Training room space was not enough for practical demonstrations because there is lots of practical sessions which very important for participants. We are very much happy to receive good and cordial entertainment during whole training.

Participant: Participants was very much active and enthusiastic regarding training. We hope nowadays all participants are very much confident and they will also be able to give assistant to the causalities' at any emergency situation as a first aider. But they should practice time to time.

Conclusion: I would like to express my gratitude to you and your organization for supporting us with this training programme. As you know BDRCS is one of the Humanitarian organizations for elevating suffering the distressed people. So far my understanding Summit Power Company Ltd. also doing people welfare through their service to the different vulnerable community and also build up the capacity of different classes and groups by their supports.

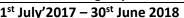
Submitted with thanks:

Supriya Saha

Course Coordinator Training Department Bangladesh Red Crescent Society

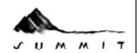


Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018





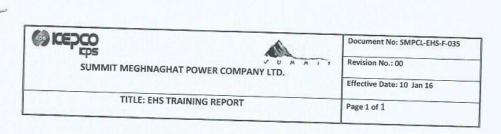
4.4 October'2017



Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018



EHS Training Topic: Hazard Communication & Flammable Materials Handling

Technical Training Topic: Operation and working principle of MOV, pneumatic control and hydraulic control valve

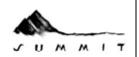
Training Date: 24.10.17

Training Time: 9:00 am to 12:00 pm

Training Venue: Conference Room

Covers in Areas: Definition of hazardous materials, GHS, list of SMPCL hazardous materials, classes of hazardous materials, safe handling and disposal practice, PPEs for hazardous materials, emergency response during hazardous materials release. Definition of waste, disposal procedure. Plant waste management system etc.





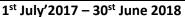
Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



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| - | TITLE: ATTENDANCE SHI | | Effective Date: 14 Jan 16 |
| _ | THEE. ATTENDANCE SHI | SET . | Page 1 of 1 |
| Honth | ATTENDAN Ly EHS & Technical training for the a | NCE SHEET worth of Oct-17 | Date: 24/10/ |
| S/N | Name of Attendees | Department | Signature |
| 1 | Md. Soiful Islam | MMD | Ste |
| 2 | Md. Muzhfigue - Uz-Salehun | EMD | Dale. |
| 3 | Ahmed | Emb | Heyre, |
| 4. | Md. Moktay Hossaen | EHS. | Gah |
| 5. | Fagral Ahmmes | ASP | 1 |
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| | Md, Nizam Uddin | M-M.D | an! present |
| 13 | Zahinul Islam | MMD | 75 |
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| 18 | mo. ASIF ZAMAN | Trainee | E |
| 19 | Md. Rezaul Kanin | ARP | Rimit |
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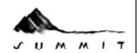


Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018





9.4.5 November'2017



Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018



EHS Training Topic: Basic Electrical Safety Training

Technical Training Topic: 230 KV switchyard operations

Training Date: 20.11.17

Training Time: 9:00 am to 12:30 pm

Training Venue: Conference Room

Covers in Areas: Fundamental of electricity, basic concept of grounding. Standard practice for electrical works, Safe work practice. Steps of LOTO, Job assessment for PPEs, Definition of PPE, types of PPE. Job hazard assessment. What to do if anyone get shock. First aid for eclectic shock. hazard control techniques.etc









Annual Public Environmental & Social Monitoring Report



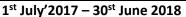
1st July'2017 - 30st June 2018

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| SUMMIT MEGHNAGHAT | POWER COMPANY LTD. | Effective Date: 14 Jan 16 |
| TITLE: ATTEN | DANCE SHEET | Page 1 of 1 |

Date: 20/11/12 Monthly EHS & Technical Training (NOV-17) Department S/N Name of Attendees Signature Md. Regaul Kanini R. wy ASP Md. Rana Azim 2 EMD MA Raiham Herston Opn Ranhen Gowam KIL. Waty ASP. Rashed Mulammed Yazub 5 Traine Hd: Salem Not Med Dramon Honnan MMD MMD. Muhammas Sakhawatul Rarci S. BR. (MMD Sym debrat mmD Depare Torry Rahman 10 Tround Mastota Merry Pasha ISC 11 Zahinul MMI 12 Suman Saskar 12 SPN Suprothat Kr. Cahra 1 8C 13 Ashis kimin Tas ASP MD. ASIF ZAMAN 5 Trainke 3 MD. Asif w Alam 16 OPN 0 17 CHAUCHAL. MMD Cm MDIASLAM more Md. Nizam Udelin 19 M. M.D WY. MABRIAN Md. Moklar Hossden EHS KH. MONIRACZZAMAN 21 MMD ASHIK AHMED 22. MMD Mohammad Roquan Moni 23. OPD Md Ismail Hossain EMD

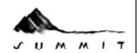


Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018





9.4.6 December '2017



Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018



EHS Training Topic: Behavioral guideline for Personnel handling for security personnel's only

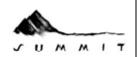
Technical Training Topic: Maintenance skill on control valves

Training Date: 27.12.17

Training Time: 2:30 pm to 4:30 pm
Training Venue: Conference Room

Covers in Areas: Definition of control valves, Types of valves, mechanism of control valves. Basic understanding of DCS, introduction to Instrumentation control system. Process flow diagram,





Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



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| 30 | JMMIT MEGHNAGHAT POWER C | | Effective Date: 14 Jan 16 |
| | TITLE: ATTENDANCE SHI | EET | Page 1 of 1 |
| | Monthly Technical Training (For | NCE SHEET Sthe month of 182,17 | Date: 27/12/ |
| S/N | Name of Attendees | Department | Signature |
| 01 | Rashed Muhammad Yagub | Traince | 24 |
| 02 | | Porainer | Con |
| 03 | KOUSNK AROUA | DAN | 1/ax |
| 04 | Konshik Akonya Mastofa Meraj Paska. | ISC | Q PRIN |
| 05 | MD. ASIF ZAMAN | Trainel | A CONTRACTOR OF THE PARTY OF TH |
| 06 | md. Rana Azm | EMD | |
| 07 | | | CAN |
| 08 | Ashik Ahmed | MMI |) Jan |
| 09 | | OPN | - Stul |
| 10 | | | (Control of the cont |
| 11 | Y-R. Jung | MMD PM | A. |
| 12 | Kamoul Hopan | | -70 |
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Summit Meghnaghat Power Company Limited Annual Public Environmental & Social

Annual Public Environmental & Socia Monitoring Report



1st July'2017 – 30st June 2018

9.4.7 January'2018



Annual Public Environmental & Social Monitoring Report



1st July'2017 - 30st June 2018





Document No: SMPCL-EHS-F-035

Revision No.: 00

Effective Date: 10 Jan 16

TITLE: EHS TRAINING REPORT

Page 1 of 1

EHS Training Topic: EHS Policy & Practice, Grievance Redressing Procedure

Technical Training Topic: CCPP cold Start up & Combined Cycle Process

Training Date: 31.01.2018

Training Time: 10:00 am to 12:00 pm (1 hour duration for each training)

Training Venue: Conference Room

Covers in Areas: Description of EHS policy, Practice and Procedures. Emergency Response Procedure designated Assembly Points location. PPE, Confined Space, Fire Hazard, Waste Management, Smoking Prohibition area, Location of first aid kit, Accident reporting procedure, Accident investigation procedure, Grievance management procedure & addressing practice.







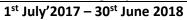








Annual Public Environmental & Social Monitoring Report





SUMMIT MEGHNAGHAT POWER COMPANY LTD.

Document No: SMPCL-A&P-F-076

Revision No.: 00

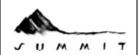
Effective Date: 14 Jan 16

Page 1 of 1

TITLE: ATTENDANCE SHEET

ATTENDANCE SHEET

| Mon | othly EHS& Technical Training | (Jan-18) | Date: 31.01.18 |
|-------------|-------------------------------|------------|----------------|
| S/N | Name of Attendees | Department | Signature |
| 1 | NOWTOZE Ahmed | EHS | A |
| 2 | Md. Ismail Hossain | EMD | cha cha |
| 3 | SK. NUR ISLAM | T&C | Tallan |
| 4 | Md. Sawkat Ali Sikder | EMD | &al |
| 5. | S.M Fahmidur Rahman | ISC | Sharif |
| 6. | Rashed Muhammad Yazub | Traine | Ratul |
| 7. | MD. ASIF ZAMAN | Trainel | 48 |
| 8 | Md. Moktar Hossaen | EHS | 61. |
| 9 | Md. Moriousaman | ISL | 301 |
| 10 | Suprobhat ky. Gehosh | 180 | (5) |
| j 11 | Rana Azim | EMD | Banks |
| 12 | Gm Saifel Islam | Adr | dark |
| 13 | Muhammad Sakhawatul Gaza | MMD | 5.82. |
| 14 | Md. Rahat Kochi Dipu | ASP | Dipu |
| 15 | Formal Abounded | ASP | 1 |
| 16 | Gordon Kumar Nath | ASP | an |
| 17 | MO. Asif wh Alam | 084 (17) | 60- |
| 18 | Ashik Ahmed | ММД | Astrik . |
| 19 | Soiful 1512m | mmo | Shu |
| 20 | Sugan debnath | MMD | Sin |
| 21 | Md. Aslam | MMD | + P |
| 22 | Md. Aslam Suman Sorkar | OPN | 6 |
| 23 | Ahmed | EMD/ | - Hayen |
| 24 | Kef Md Chamm Honord | MMD. | 2010 |
| 25 | Md. Nigam Uddin | M.M.D | Bring String |



Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018

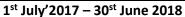


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| SUMMIT MEGHNAGHAT POW | ER COMPANY LTD. | Effective Date: 14 Jan 16 |
| TITLE: ATTENDANC | CE SHEET | Page 1 of 1 |

| | ATTENDA | NCE SHEET | | |
|-----|----------------------------------|--------------------|----------------|--|
| Mo | mthly Ets & Technical Training (| Jan-18) | Date: 3/-01-18 | |
| S/N | Name of Attendees | Department | Signature | |
| 26 | Toru Rahman | Traines | E. | |
| 27 | MD-ASIF ZAMAN | Tranel | ₹9 | |
| 28 | AH. MONIPUZZAMAN | welder Supervisore | 9 | |
| | MD.MIZANUR RAHMA | MMD | ande | |
| 30 | | Summit (Technical) | Yank. | |
| 31 | | 000 | Rain | |
| | CHAUCHAL. | MMD | Cross | |
| 33. | Λ ο | MMD | - June | |
| 34. | Md. Abu Raykan Saskes | CRE | a Base | |
| 35 | Keefab Vddin tod Shahel | BLC. (AXI) | | |
| | Zahirul Islam | MMD. | Cont | |
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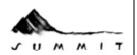


Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018

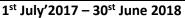




9.4.8 February'2018



Annual Public Environmental & Social Monitoring Report









SUMMIT MEGHNAGHAT POWER COMPANY LTD.

TITLE: EHS TRAINING REPORT

Document No: SMPCL-EHS-F-035

Revision No.: 00

Effective Date: 10 Jan 16

Page 1 of 1

EHS Training Topic: Chemical Handling & Waste Management Procedure

Technical Training Topic: Servo, hydraulic, pneumatic operation control valve operation and their uses

in SMPCL

Training Date: 26.02.2018

Training Time: 02:00 pm to 04:00 pm (1 hour duration for each training)

Training Venue: Conference Room

Covers in Areas: Introduction to hazardous chemicals, types of chemicals, SMPCL chemical handling procedure, Precaution for hazardous chemicals, chemical spill response procedure, chemical spill reporting procedure, good disposal method for hazardous chemicals, types of waste, SMPCL waste management procedure, disposal procedure for different waste etc



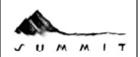




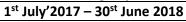








Annual Public Environmental & Social Monitoring Report







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Document No: SMPCL-A&P-F-076

Revision No.: 00

Effective Date: 14 Jan 16

Page 1 of 1

SUMMIT MEGHNAGHAT POWER COMPANY LTD.

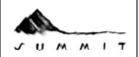
TITLE: ATTENDANCE SHEET

ATTENDANCE SHEET

Monthly EHS& Technical Training (Feb - 18)

Date: 26/02/18

| S/N | Name of Attendees | Department | Signature |
|-----|-----------------------------------|-------------|------------|
| 1 | foruk Ahmed | operation | Almo |
| 2 | Faisal Pasha | Operation | Fuisal |
| 3 | SK. NUR ISLAM | I8C | Mou |
| 4 | Md. Raihan Hossain | 870 n | Raiham. |
| 5 | Suprobhet Kumar Cehosh | (+88 | (LA) |
| 6 | Mokhlasur Rahman | 180 | alesso |
| 7 | 5. M Fahmidur Rahman | Isc | Shanis A |
| 8 | Ky Shohel | Porc. (ALP) | 2000 |
| 9 | Ashik Ahmed | MIND | - Adam. |
| 10 | Md. Muzhfigue - Us-Salelu | EMD | Stylen. |
| 11 | Md. Morisuzzaman | ISC | Borr |
| 12 | Muhammad Sakhawatul Karci | MMD | S. Ca. |
| 13 | rdifana Azim | Emp | Zono |
| 14 | Ahmedul Hague Md. Saiful Islam | EMD | Hogner |
| 15 | | MMD | Sfue |
| 16 | Gowam Kaman NAH | ASP | Don. |
| 18 | CHAMEHAL. | MMD | Crowd |
| 18 | ASLAM. | M.M.D | * 0 |
| 19 | Md Nigam Udding | M. M. D | Burrendent |
| 20 | Ashis kuman Pas | ASP | Ahin |
| 21 | Md. Ismail Hossan | EMD | D |
| 22 | Md. Sawfut Ati Eikder | EMD | |
| 2 | Md. Absol Hospain | MMP | Atail |
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Annual Public Environmental & Social Monitoring Report



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1st July'2017 – 30st June 2018



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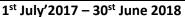
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Date: 26/orlie

| Mo | nothly EHS & Technical Training | g (Feb-18) | Date: 26/01/18 |
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| 29 | M. Rezaul Karim | ARP | RM |
| 30 | Md. MIZANUR RAAMAM | MMD | drit- |
| 31 | MD. ASIF ZAMAN | Trainee | 45 |
| 32 | Zahiral Islam | MMD | 4 |
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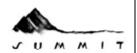


Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018





9.4.9 March'2018



Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018





Document No: SMPCL-EHS-F-035

Revision No.: 00

Effective Date: 10 Jan 16

TITLE: EHS TRAINING REPORT

Page 1 of 1

EHS Training Topic: Basic Electrical Safety Training

Technical Training Topic: Demi water train and MBP Regeneration & Water treatment & waste water

treatment process.

Training Date: 19.03.2018

Training Time: 10:00 am to12:00 pm (1 hour duration for each training.)

Training Venue: Conference Room

Number of participant: 37 persons

Total Man hour: 74

Covers in Areas: Fundamental of electricity, basic concept of grounding. Standard practice for electrical works, Safe work practice. Steps of LOTO, Job assessment for PPEs, Definition of PPE, types of PPE. Job hazard assessment. What to do if anyone get shock. First aid for eclectic shock. hazard control techniques etc.















Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018





Document No: SMPCL-A&P-F-076

Revision No.: 00

Effective Date: 14 Jan 16

Page 1 of 1

TITLE: ATTENDANCE SHEET

Monthly EHS & Tedwical Training (Morch-18)

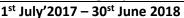
ATTENDANCE SHEET

Date: 19/03/2018

| S/N | Name of Attendees | Department | Signature |
|------|---------------------------|--------------|--------------|
| 1 | 5.M. Fahmidur Rahman | TAC | Shaeif |
| 2 | ML MIZANUR RAHMAIN | MJM.D | nity |
| 3 | Hd: Salim- | MMD | Smit. |
| 4 | Muhammad Eakhawatul Barci | MMD | s. Ce. |
| 5 | ASLAM. | M-14.D- | A |
| 6 | ind Abjal Hossain | MMD | Atol |
| 7 | Sugar debrath | MMD | - in |
| 8 | 1/2 Md. Ohamm-Honnau | Maint, Mech. | ROL |
| 9 | Fairal Pasha | Operation | Faisal (|
| 10 | Zahinul Islam | MMIS | 6 |
| 11 | NOWROZE Ahmed. | EHS | 1 |
| 12 | Mokhlasur Rahman | 18C | |
| 13 | Mb. Raihan Hossain | Opn | Paiham |
| 14 | Md. Saiful Islam | MMD | Setw |
| 15 | Ashik Ahmed | MMD | -Ashik |
| 16 | Suprobhat Kumar Chash | 786 | Edda. |
| 17 | Tony Rohman | T&C | Sh |
| 18 | Md. Rahat Kochi Diper | ALP | Aire |
| 19 | Rana Azim | EMD | Zone |
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| 21 | Md. Moon on warmen | 281 | 30/ |
| 12 . | SK. NUT 151am | Z80 | The |
| 23 | Suman | OPN | |
| 26 | CHAYCHAL | MMD | en 0 |
| 7 | Md. Nigam Oddin | M.M.D | BNI WEBE INT |



Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018





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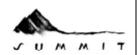
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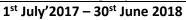
Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



9.4.10 April'2018



Annual Public Environmental & Social Monitoring Report





Document No: SMPCL-EHS-F-035





SUMMIT MEGHNAGHAT POWER COMPANY LTD.

Revision No.: 00

Effective Date: 10 Jan 16

TITLE: EHS TRAINING REPORT

Page 1 of 1

EHS Training Topic: Fire Fighting, prevention & Control

Technical Training Topic: Significance of Measurement of IR for Electrical Equipments

Training Date: 18.04.2018.

Training Time: 10:30 am to12:30 pm (1 hour duration for each training.)

Training Venue: Conference Room

Number of participant: 24 persons

Total Man hour: 48

Covers in Areas: Fire Hazard. Example of Fire Hazard, Fire tetrahedron, Types of fire and extinguisher. Use of fire extinguishers, Deluge system. Fire sprinkler system. Fire safety plan, emergency response plan, Introduce with building wise fire protection system at SMPCL etc.

Pictures of the Training







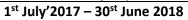








Annual Public Environmental & Social Monitoring Report





SUMMIT MEGHNAGHAT POWER COMPANY LTD.

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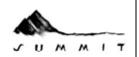
Document No: SMPCL-A&P-F-076
Revision No.: 00

Effective Date: 14 Jan 16

Page 1 of 1

| | ATTEND | DANCE SHEET | |
|---------|-------------------------------|-------------|----------------|
| Monthly | EHS & Technical Training (Apr | ri/- 18) | Date: 18/04/18 |
| 0.01 | | Domonton | |

| S/N | Name of Attendees | Department | Signature |
|--|----------------------------|------------|-----------|
| 01 | Ahmedol Hague | emb | Hagu |
| 02 | Md. Monisuraman | 286 | 300 |
| 63 | Faisal Pasha | Operation | Faisal |
| 04 | md. Saiful Islam | MMD | Saifup |
| 05 | Md. Ningam Uddin | MMO | minostral |
| 06 | Hd: Salim. | M M.S | Small |
| 7 | Shahaballin Riccon | OPN | Talo |
| 08 | Muhammad Sakha watel Carci | MMD | 5.06.1 |
| 00). | Ko Md Dhamin Honnaw | MIMD | 200 |
| 10 | Sugan Jebnath | MMD | - |
| 11 | Zahinul Islam | MMD | ~ . |
| 13 | Morsh | Mup | (6) |
| 13 | Mostofa Moray Pasha | ISC | pasm |
| 18 | MJ. Raiham Hessi | Epn | Paka |
| 15 | Rashed Muhammad Yagub | operation | feld |
| 176 | Md. Rezaul Kanim | ARP | Rund |
| 18 | Mehammad Razum Moni | OPD | dt- |
| 18 | MO. ASIF ZAMAN | OPA | 1 |
| 79 | Kutab udden Md. Skolul | ALP | D |
| 20 | Kahout Kochi Dipu | ALP | Dipu |
| 27 | Fagnal Ahommed | ASP | |
| | Mokhlasuk Rayman | 18e | A |
| and the same of th | 6 m saift bom | 418 | 100 |
| 84 | Md. Ismail Hossain | EMD | Sun |



Summit Meghnaghat Power Company Limited Appual Public Environmental & Social

Annual Public Environmental & Social Monitoring Report

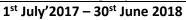


1st July'2017 – 30st June 2018

9.4.11 May'2018



Annual Public Environmental & Social Monitoring Report





Document No: SMPCL-EHS-F-035





SUMMIT MEGHNAGHAT POWER COMPANY LTD.

Revision No.: 00

Effective Date: 10 Jan 16

Page 1 of 1

TITLE: EHS TRAINING REPORT

EHS Training Topic: Fall Prevention & Protection, Scaffolding standard and uses

Technical Training Topic: Maintenance skill on control valves

Training Date: 28.05.2018

Training Time: 11:00 am to1:00 pm (1 hour duration for each training)

Training Venue: Conference Room

Number of participant: 23 persons

Total Man hour: 46

Covers in Areas: Introduction of fall hazard, work at height procedure, type of fall protection system, PFAS, definition of scaffolding, types of scaffolding, different parts of scaffolding, crane safety, forklift safety rules, safe practice for lifting equipments. Describe signaling system for crane operation.

Pictures of the Training

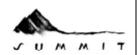




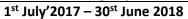








Annual Public Environmental & Social Monitoring Report









Document No: SMPCL-A&P-F-076

Revision No.: 00

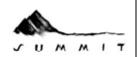
Effective Date: 14 Jan 16

Page 1 of 1

TITLE: ATTENDANCE SHEET

ATTENDANCE SHEET

| S/N | Name of Attendees | Department | Signature |
|-----|---------------------------|------------|-----------|
| 01 | KH. MOHIRUZZAMAM | MMD | 4 |
| 02 | Md. Saiful Islam | MMD | Stas |
| 03 | Md. Nigam Uddin | MMD | mandat |
| 04 | Mostofa Meraj Pasha | ISC | RARON |
| 05 | Suprobhat Kr. (2hosh | IXC | (ALA) |
| 06 | MIZAHUR RAHMAN | MMD | die |
| 07 | Mel. Assemi | M. M. de | * |
| 08 | Zahirul Islam | MMD | |
| 20) | Md. Modiruzzeman | 184 | 300 |
| 10 | Muhammad Sakhawatul Barci | MMD | 5. Oh |
| 11 | Md: Solim. | HMD | - Simp |
| 12 | ASHIK AHMED | MMD | Askik |
| 13 | Egontam Kumar Nzn, | ALP | a |
| 14 | Fagral Ahmmed | ALP | |
| 15. | Tanvis Chowshung | ASP | Tame |
| 16. | Moch lasur Rahman | 18c | -000 |
| 17. | 51. NOR. 15 LAM | ter | C DA |
| 8. | MD. Razvan Moni | OPD | dis |
| 19 | Toru Rahman | IEC | Ru |
| 20 | Md. Moktor Hossain | EHS | duga, |
| 21 | Rashed Muhammad Yagub | operation | Rostal |
| 22- | MD. ASIF ZAMAN | OPP | A-1 |
| 23 | Md. Rezaul Karing | ALP | RNA |



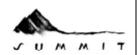
Summit Meghnaghat Power Company Limited Annual Public Environmental & Social

Annual Public Environmental & Social Monitoring Report

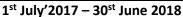


1st July'2017 – 30st June 2018

9.4.12 June'2018



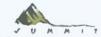
Annual Public Environmental & Social Monitoring Report





Document No: SMPCL-EHS-F-035





SUMMIT MEGHNAGHAT POWER COMPANY LTD.

Revision No.: 00

Effective Date: 10 Jan 16

TITLE: EHS TRAINING REPORT

Page 1 of 1

EHS Training Topic: Emergency Response Plan

Technical Training Topic: DCS/PLC Control Module and its hardware orientation with communication

protocol

Training Date: 26.06.2018

Training Time: 9:30 am to11:30 am (1 hour duration for each training)

Training Venue: Conference Room

Number of participant: 26 persons

Total Man hour: 52

Covers in Areas: Definition of emergency. Briefly describe SMPCL emergency response procedure. Assembly points numbers and locations. Fire emergency procedure, Chlorine emergency procedure, Bomb threat procedure, Oil spill and response procedure, Structural collapse emergency, high voltage emergency, Community evacuation procedure, Emergency response team members, fire fighting & rescue equipments, emergency communication method.

Pictures of the Training





Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018

9.5 Annexure-5 First Aid Training Report



Annual Public Environmental & Social Monitoring Report



1st July'2017 - 30st June 2018

Bangladesh Red Crescent Society

Training Department

TRAINING COORDINATOR'S REPORT

1. Title of the Training: Refresher Training on First Aid

Date: 04/10/2017

- 2. Organizer/Host: Summit Meghnaghat Power Company Limited
- 3. Course Objective: Participants are able to gained update information and refresh their knowledge and skill from the training and also able to provide assistant to other causality.
- 4. Venue: Summit Meghnaghat Power Plant Premises, Baranagar, Narayanganj.
- 5. Duration: 19 & 20 Sep. 2017 (2 courses)
- 6. Name of the Facilitators: Ms. Supriya Saha and Ms. Sharmin Akter Papry.
- 7. No. of participants:

By gender: Male: 32 + 33=65

Female: 0

Total: 65

Overall Impression: The training environment of the organizations was very excellent, friendly and was also Academic atmosphere for the learning point of view. Training room space was not enough for practical demonstrations because there is lots of practical sessions which very important for participants. We are very much happy to receive good and cordial entertainment during whole training.

Participant: Participants was very much active and enthusiastic regarding training. We hope nowadays all participants are very much confident and they will also be able to give assistant to the causalities' at any emergency situation as a first aider. But they should practice time to time.

Conclusion: I would like to express my gratitude to you and your organization for supporting us with this training programme. As you know BDRCS is one of the Humanitarian organizations for elevating suffering the distressed people. So far my understanding Summit Power Company Ltd. also doing people welfare through their service to the different vulnerable community and also build up the capacity of different classes and groups by their supports.

Submitted with thanks:

Supriya Saha

Course Coordinator Training Department Bangladesh Red Crescent Society

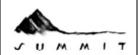


Summit Meghnaghat Power Company Limited Annual Public Environmental & Social

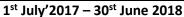




9.6 Annexure-6 Ambient Air Test Report



Annual Public Environmental & Social Monitoring Report





শেখ হাসিনার নির্দেশ জলবায়ু সহিষ্ণু বাংলাদেশ শেখ হাসিনার বাংলাদেশ পরিচছন্ন পরিবেশ



গণপ্রজাতন্ত্রী বাংলাদেশ সরকার পরিবেশ অধিদপ্তর ঢাকা গবেষণাগার ই-১৬, আগারগাঁও, শেরে বাংলা নগর, ঢাকা-১২০৭ www.doe.gov.bd



স্মারক নং-২২.০২.০০০০.১১১.৬৮.০০১.১৩. ৮৫০

তারিখঃ ০৬/০৯/১৭ ইং

প্রাপক ঃ ব্যবস্থাপনা পরিচালক সামিট মেঘনাঘাট পাওয়ার কোম্পানী লিঃ চররমজান, সোনারগাঁও, নারায়নগঞ্জ।

বিষয় ঃ চররমজান, সোনারগাঁও, নারায়নগঞ্জ -এ অবস্থিত "সামিট মেঘনাঘাট পাওয়ার কোম্পানী লিঃ"এর পরিবেস্টক বায়ুর নমুনা বিশ্লেষিত ফলাফল।

সূত্র ৪- আবেদন নং: T-৩০৫, ১৪৮৫, ২৮১৮, ; তারিখ-২৩/০১/১৭, ১৮/০৪/১৭, ৩০/০৭/১৭ইং

উপর্যুক্ত বিষয় ও সূত্রের বরাতে পত্রের চাহিদা মোতাবেক পরিবেস্টক বায়ুর নমুনা বিশ্বেষিত ফলাফলের উপাত্তসীট নিম্লে প্রদত্ত হলোঃ

| Sample Location | Date | Ambient Air Pollutant Concentration in micro gram/cubic meter | | | ı | Remarks |
|--------------------------------|----------|---|-----------------|-----------------|---|--|
| Sample Location | Date | SPM | NO _x | SO ₂ | | Wind direction was from |
| East side & 15m from boundary. | 09.08.17 | 161 | 27 | ND | • | south to north. Weather was rainy. |
| Air Quality Sta | andard | 200 | 100 | 365 | | |

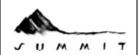
Note:- $1.SO_2$ - Sulfur dioxide and NO_X - Oxides of Nitrogen 2. SPM- Suspended Particulate Matter. 3.ND-Not detected.

বাংলাদেশ পরিবেশ সংরক্ষণ বিধিমালা, ১৯৯৭(সংশোধনী-২০০৫) অনুযায়ী, সকল প্যারামিটার এর মান গ্রহনযোগ্য মান
মাত্রার মধ্যে আছে ।

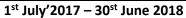
अध्याद्धः अ। १८४ । १८ अध्याद्धाः आकार

জুনিয়র কেমিস্ট

(মোঃ জহিরুল ইসলাম তালুকদার) সিনিয়র কেমিস্ট (মোঃ মোস্তাফিজুর রহমান আখন্দ) উপপরিচালক (ড. মুঃ সোহরাব আলি) পরিচালক



Annual Public Environmental & Social Monitoring Report







A House of Environmental Monitoring, Research, Pollution Control, Management & Development



GECL LABORATORY ANALYSIS REPORT ON

AMBIENT AIR QUALITY ANALYSIS REPORT

GECL/Code (TR): 887

Company Name: SUMMIT MEGHNAGHAT POWER COMPANY LIMITED (337MW/305MW DUAL FUEL CCPP).

Address: Mouza-Chor Romjan Sonaullah, Union - Pirojpur, P/S- Sonargaon, Narayangonj, Bangladesh.

Location (GPS) Coordinate: N- 23° 36' 33.74' & E - 90° 35' 55.83'

Sample Collector : Global Environment Consultants Ltd (GECL Monitoring Team).

Description of Sample : Ambient Air Quality Analysis Report (Plant outside area).

Sampling date : 20th September, 2017

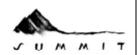
Sampling Time : 24 hours

Reporting date : 25th September, 2017

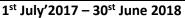
Description of analysis

| Sample Location with GPS | Concentration present of different parameter in ambient air (µg/m³) | | | | | | | |
|---|---|------------------|------------------|-----------------|---------------------------|--------------------------------|--------------------------------|----------------------------------|
| Coordinate | PM _{2.5} | PM ₁₀ | SPM | SO ₂ | NOx | CO | VOC | O ₃ |
| Near Main gate area (GPS Coordinate : N- 23° 36′38.70′′ & E - 90° 35′59.10′′) | 23.16 | 42.25 | 121.12 | 12.15 | 21.29 | 210 | 37,.21 | 23.18 |
| Near CWP Building area (GPS Coordinate : N- 23° 36'28.40'' & E - 90° 35'55.20'') | 24.21 | 48.13 | 137.32 | 14.18 | 22.39 | 234 | 39.31 | 25.14 |
| Jetty area, Near West Oil Treatment Building (GPS Coordinate : N- 23° 36'25.80'' & E - 90° 36'02.20'') | 22.36 | 41.38 | 131.25 | 17.22 | 24.18 | 247 | 69.22 | 28.37 |
| North West Side 1.5 kilometer Distance from Power Plant, at Mongalargoan Village Near Mongalargoan Jame Masjid (GPS Coordinate: N- 23° 37′09.10′′ & E - 90° 35′05.30′′) | 19.27 | 39.7 | 116.21 | 9.17 | 17.23 | 164 | 19.28 | 29.47 |
| Units | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ |
| Test Duration (Minutes) | 1440 | 1440 | 480 | 1440 | 60 | 480 | 480 | 480 |
| Method of Analysis | Gravi- metric | Gravi- metric | Gravi- metric | West- Gaeke | Jacob & Hochheis er | Electro- chemical Sensor | Electro- chemical Sensor | lodometric chemical method |
| Bangladesh (DoE) Standard for ambient Air | 65 | 150 | 200 | 365 | 100 | 10,000 | NF | 157 |
| IFC/WB Standard | 25 | 50 | NF | 20 | 200 | NF | NF | 100 |
| Remark | Good | Good | Good | Good | Good | Good | Good | Good |

Page 1 of 2



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Note: This ambient air monitoring report was usually accomplished by - Respirable Dust Sampler (Model-Envirotech India APM-460 NL) and Fine Particulate Sampler (Model-Envirotech India APM-550)

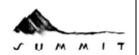
Abbreviation: 1. Fine Particulate Matter $(PM_{2.5})$ 2. Respirable Dust Content (PM_{10}) 3. Suspended Particulate Matter (SPM), 4 Oxides of Nitrogen (NO_x) 5. Sulphur di-Oxide (SO_2) 6. Carbone Mono-Oxide (CO), 7. Ozone (O_3) 8. Volatile Organic Compound (VOC), DoE- Department of Environment, NF - Not found, WB -World Bank, IFC - International Finance Corporation.

Comment: - The atmospheric air samples have been collected by the high-volume sampler attached with gaseous impinger for the determination of SO₂ VOC, O₃ NOx and CO. The value of gaseous pollutants has been collected by further laboratory analysis. The value of SPM including PM₁₀ & PM_{2.5} have been obtaining by the weight the Whatman filter paper and dust cup before and after through the gravimetric method. The results of ambient air quality parameters of Summit Meghnaghat Power Company Limited (SMPCL) are shown in the above-mentioned table. The concentrations of ambient air quality parameters are (SPM, PM_{2.5}, PM₁₀, SO₂, O₃, NOx and CO) in between the acceptable limit of Department of Environment (DOE), GOB (ECR, 1997) and also IFC (30 April, 2007). A very small amount of VOC is seen in the ambient air quality. The Sampling time was Cloudy and few millimeter (1 hour) raining during collection of samples at the location of Summit Meghnaghat Power Company Limited (SMPCL). The wind direction was from the South-East to Northwest corner. Due to good ambient air quality (NDA) that indicated, the Summit Meghnaghat Power Company Limited (SMPCL) is not shown any detrimental effect to the surrounding environment.

Md. Golam Mostafa
Chief Executive Officer
Environmental Analysis & Development

Environmental Analysis & Development Global Environment Consultants Ltd (GECL). MOHD NUR E ALAM SIDDIQUE
Director (Analysis & Development)
Analytical & Environmental Laboratory (GECL)
B.Sc (Hons) M.Sc (SUST) M. Phil (DU),
PhD Research Fellow (DU) Chemistry

Page 2 of 2



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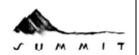
ADVANCING EXCELLENCE IN BANGLADESH



Sample Locations No. CO VOC PM_{2.5} Units μg/m³ µg/m³ µg/m³ µg/m³ µg/m³ µg/m³ Test Duration (Hours) 24 24 24 1 8 Method of Analysis Gravimetric West-Jacob Electrovoc Gaeke and Chemical Analyzer Hochhei Sensor Bangladesh (DoE) Standard 65 IFC/ WB Standard 25(24H)^a 50(24H)^a 20(24H)^a 480



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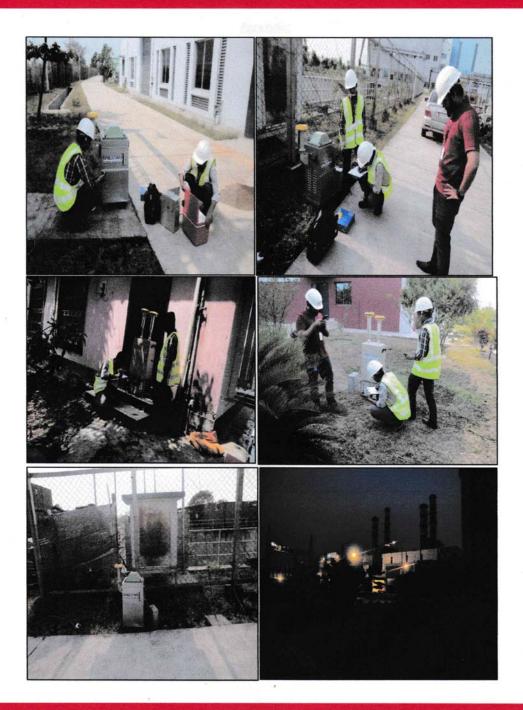
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1st July'2017 – 30st June 2018

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1st July'2017 – 30st June 2018

9.7 Annexure-7 River Water Temperature Monitoring Record

July'2017

| Date | Time | River Water Inlet temp | River water outlet temp | Temp Diff | Remarks |
|----------|---------|---------------------------|-------------------------|-----------|----------|
| 01 07 17 | 9.00 am | 0 | 0 | 0 | Shutdown |
| 01.07.17 | 4.0 pm | 0 | 0 | 0 | Shutdown |
| 02.07.17 | 9.00 am | 0 | 0 | 0 | Shutdown |
| 02.07.17 | 4.0 pm | 0 | 0 | 0 | Shutdown |
| 03.07.17 | 9.00 am | 0 | 0 | 0 | Shutdown |
| 03.07.17 | 4.30 pm | 0 | 0 | 0 | Shutdown |
| 04.07.17 | 9.00 am | 0 | 0 | 0 | Shutdown |
| 04.07.17 | 4.0 pm | 0 | 0 | 0 | Shutdown |
| 05 07 17 | 9.00 am | 0 | 0 | 0 | Shutdown |
| 05.07.17 | 4.0 pm | 31.27 | 33.5 | 2.23 | |
| 06.07.17 | 9.00 am | 31.3 | 33.71 | 2.41 | |
| 06.07.17 | 4.0 pm | 31.2 | 33.72 | 2.52 | |
| 07.07.17 | 9.00 am | 31.25 | 33.85 | 2.60 | |
| 07.07.17 | 3.0 pm | 31.33 | 33.5 | 2.17 | |
| 08.07.17 | 9.00 am | 31.35 | 33.75 | 2.40 | |
| 08.07.17 | 3.0 pm | 31.3 | 33.8 | 2.50 | |
| 09.07.17 | 9.00 am | 31.27 | 33.75 | 2.48 | |
| 09.07.17 | 3.0 pm | 32.51 | 34.75 | 2.24 | |
| 10.07.17 | 9.00 am | 32.57 | 34.8 | 2.23 | |
| 10.07.17 | 4.0 pm | 31.31 | 33.8 | 2.49 | |
| 11.07.17 | 9.00 am | 30.9 | 33.65 | 2.75 | |
| 11.07.17 | 3.0 pm | 31.05 | 33.9 | 2.85 | |
| 12.07.17 | 9.00 am | 30.3 | 33.1 | 2.80 | |
| 12.07.17 | 3.0 pm | 30.77 | 33.5 | 2.73 | |
| 13.07.17 | 9.00 am | 30.65 | 33.2 | 2.55 | |
| 15.07.17 | 3.30 pm | 30.72 | 33.5 | 2.78 | |
| 14.07.17 | 9.00 am | 30.38 | 33.25 | 2.87 | |
| 14.07.17 | 4.0 pm | 30.52 | 33.2 | 2.68 | |
| 15 07 17 | 9.00 am | 30.72 | 33.15 | 2.43 | |
| 15.07.17 | 3.30 pm | 31.5 | 34.2 | 2.70 | |
| 16 07 17 | 9.00 am | 30.5 | 33.25 | 2.75 | |
| 16.07.17 | 3.30 pm | 31.25 | 33.75 | 2.50 | |
| 17.07.17 | 9.00 am | 31.87 | 34.25 | 2.38 | |
| 17.07.17 | 4.0 pm | 32.2 | 34.65 | 2.45 | |
| 18.07.17 | 9.00 am | 32.1 | 34.75 | 2.65 | |



Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



| | 4.00 pm | 33.68 | 35.85 | 2.17 | |
|-----------|---------|-------|-------|------|--|
| 40.07.47 | 9.00 am | 33.31 | 35.5 | 2.19 | |
| 19.07.17 | 4.0 pm | 32.94 | 35.25 | 2.31 | |
| 20.07.47 | 9.00 am | 32.33 | 35.2 | 2.87 | |
| 20.07.17 | 3.30 pm | 32.83 | 35.5 | 2.67 | |
| 24.07.47 | 9.00 am | 32.06 | 34.25 | 2.19 | |
| 21.07.17 | 4.0 pm | 31.62 | 34.2 | 2.58 | |
| 22.067.17 | 9.00 am | 31.56 | 34.25 | 2.69 | |
| 22.067.17 | 4.0 pm | 31.25 | 33.8 | 2.55 | |
| 23.07.17 | 9.00 am | 31.54 | 34.25 | 2.71 | |
| 23.07.17 | 3.30 pm | 31.29 | 33.75 | 2.46 | |
| 24.07.17 | 9.00 am | 30.5 | 33 | 2.50 | |
| 24.07.17 | 3.30 pm | 30.64 | 33.5 | 2.86 | |
| 25 07 17 | 9.00 am | 30.47 | 33.25 | 2.78 | |
| 25.07.17 | 3.30 pm | 30.55 | 33.25 | 2.70 | |
| 26.07.17 | 9.00 am | 30.65 | 33.2 | 2.55 | |
| 20.07.17 | 4.0 pm | 30.25 | 33 | 2.75 | |
| 27.07.17 | 9.00 am | 30.08 | 32.5 | 2.42 | |
| 27.07.17 | 3.30 pm | 30.35 | 32.75 | 2.40 | |
| 28.06.17 | 9.00 am | 30.45 | 33.15 | 2.70 | |
| 28.06.17 | 3.30 pm | 30.42 | 33.2 | 2.78 | |
| 29.07.17 | 9.00 am | 30.39 | 33.15 | 2.76 | |
| 29.07.17 | 3.30 pm | 31.2 | 33.8 | 2.60 | |
| 30.07.17 | 9.00 am | 30.5 | 33.15 | 2.65 | |
| 30.07.17 | 4.0 pm | 31.5 | 34.25 | 2.75 | |
| 21 07 17 | 9.00 am | 31.65 | 34.3 | 2.65 | |
| 31.07.17 | 4.0 pm | 31.65 | 34.5 | 2.85 | |

August'2017

| Date | Time | River Water Inlet temp | River water outlet | Temp Diff | Remarks |
|----------|---------|---------------------------|--------------------------|--------------|---------|
| | | | temp | | |
| 01.08.17 | 8.40 am | 32.92 | 35.15 | 2.23 | |
| | 4.30 pm | 32.88 | 35.3 | 2.42 | |
| 02.08.17 | 9.00 am | 32.53 | 34.75 | 2.22 | |
| | 4.0 pm | 32.45 | 35 | 2.55 | |
| 03.08.17 | 9.30 am | 32.42 | 34.5 | 2.08 | |
| | 4.30 pm | 32.5 | 34.75 | 2.25 | |
| 04.08.17 | 9.00 am | 32.6 | 34.7 | 2.1 | |



Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



| | 3.30 pm | 32.5 | 35 | 2.5 |
|---------------|-------------------|-------|-------------|------|
| OF 09 17 | | 32.17 | 34.5 | 2.33 |
| 05.08.17 | 9.00 am 4.0 pm | 32.17 | 34.5 | 2.25 |
| 06.08.17 | 9.00 am | 32.23 | 34.75 | 2.23 |
| 00.08.17 | | | | 2.7 |
| 07.00.17 | 4.0 pm | 32.3 | 35 34.75 | 2.5 |
| 07.08.17 | 9.00 am | 32.25 | - | |
| 00.00.47 | 3.0 pm | 32.32 | 34.5 | 2.18 |
| 08.08.17 | 9.00 am | 32.4 | 34.7 | 2.3 |
| 00.00.47 | 3.0 pm | 32.25 | 34.8 | 2.55 |
| 09.08.17 | 9.30 am | 31.86 | 34.5 | 2.64 |
| | 3.30 pm | 31.66 | 34.25 | 2.59 |
| 10.08.17 | 9.00 am | 31.56 | 34 | 2.44 |
| | 4.0 pm | 31.4 | 34.25 | 2.85 |
| 11.08.17 | 9.00 am | 32.55 | 34.75 | 2.2 |
| | 3.0 pm | 31.56 | 33.75 | 2.19 |
| 12.08.17 | 9.00 am | 30.69 | 33.5 | 2.81 |
| | 3.0 pm | 30.55 | 33.35 | 2.8 |
| 13.08.17 | 9.20 am | 30.33 | 33.15 | 2.82 |
| | 3.40 pm | 30.65 | 33.15 | 2.5 |
| 14.08.17 | 9.00 am | 30.52 | 33.25 | 2.73 |
| | 4.0 pm | 30.55 | 33.25 | 2.7 |
| 15.08.17 | 9.00 am | 30.46 | 33.15 | 2.69 |
| | 3.30 pm | 30.48 | 33.25 | 2.77 |
| 16.08.17 | 9.00 am | 30.55 | 33 | 2.45 |
| | 3.30 pm | 30.35 | 32.75 | 2.4 |
| 17.08.17 | 9.00 am | 30.33 | 32.5 | 2.17 |
| | 4.0 pm | 30.54 | 33.25 | 2.71 |
| 18.08.17 | 9.00 am | 30.82 | 33.65 | 2.83 |
| | 4.00 pm | 30.75 | 33.5 | 2.75 |
| 19.08.17 | 9.00 am | 30.88 | 33.25 | 2.37 |
| | 4.0 pm | 30.66 | 32.75 | 2.09 |
| 20.08.17 | 9.00 am | 30.97 | 33.5 | 2.53 |
| | 3.30 pm | 30.98 | 33.75 | 2.77 |
| 21.08.17 | 9.00 am | 30.87 | 33.5 | 2.63 |
| | 4.0 pm | 31.25 | 33.75 | 2.5 |
| 22.08.17 | 8.50 am | 31.8 | 34.25 | 2.45 |
| | 4.0 pm | 31.89 | 34.5 | 2.61 |
| 23.08.17 | 9.30 am | 31.74 | 34.25 | 2.51 |
| | 3.30 pm | 31.69 | 34 | 2.31 |
| 24.08.17 | 9.00 am | 31.55 | 33.75 | 2.2 |
| | 3.30 pm | 31.85 | 34.25 | 2.4 |
| 25.08.17 | 9.00 am | 31.75 | 34.5 | 2.75 |
| - | 3.30 pm | 31.88 | 34.5 | 2.62 |



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| 26.08.17 | 9.00 am | 31.94 | 34.25 | 2.31 | |
|----------|---------|-------|-------|------|---|
| | 4.0 pm | 31.65 | 34.3 | 2.65 | |
| 27.08.17 | 9.00 am | 31.75 | 34.5 | 2.75 | |
| | 3.30 pm | 31.88 | 34.5 | 2.62 | |
| 28.08.17 | 9.00 am | 31.5 | 34.25 | 2.75 | |
| | 3.30 pm | 31.89 | 34.66 | 2.77 | |
| 29.08.17 | 9.00 am | 31.25 | 33.7 | 2.45 | |
| | 3.30 pm | 31.8 | 34.45 | 2.65 | |
| 30.08.17 | 9.30 am | 31.9 | 34.75 | 2.85 | |
| | 3.30 pm | 31.85 | 34.5 | 2.65 | |
| 31.08.17 | 9.20 am | 31.75 | 34.55 | 2.8 | |
| | 3.20 pm | 31.82 | 34.7 | 2.88 | · |

September'2017

| Date | Time | River Water Inlet temp | River water outlet temp | Temp Diff | Remarks |
|----------|---------|------------------------------|-------------------------|-----------|-----------|
| 01.09.17 | | | | 0 | Shut down |
| 01.09.17 | | | | 0 | Shut down |
| 02.09.17 | | | | 0 | Shut down |
| 02.09.17 | | | | 0 | Shut down |
| 03.09.17 | | | | 0 | Shut down |
| 03.09.17 | | | | 0 | Shut down |
| 04.00.17 | | | | 0 | Shut down |
| 04.09.17 | | | | 0 | Shut down |
| 05.09.17 | | | | 0 | Shut down |
| 05.09.17 | | | | 0 | Shut down |
| 06.09.17 | | | | 0 | Shut down |
| 06.09.17 | | | | 0 | Shut down |
| 07.09.17 | | | | 0 | Shut down |
| 07.09.17 | | | | 0 | Shut down |
| 08.09.17 | | | | 0 | Shut down |
| 08.09.17 | | | | 0 | Shut down |
| 09.09.17 | | | | 0 | Shut down |
| 09.09.17 | | | | 0 | Shut down |
| 10.09.17 | | | | 0 | Shut down |
| 10.09.17 | | | | 0 | Shut down |
| 11.09.17 | | | | 0 | Shut down |
| 11.09.17 | | | | 0 | Shut down |
| 12.09.17 | 8.40 am | 30.44 | 32.5 | 2.06 | |
| 12.09.17 | 3.40 pm | 30.25 | 32.75 | 2.5 | |
| 13.09.17 | 9.00 am | 30.45 | 33 | 2.55 | |



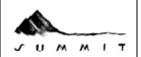
Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



| | 4.00 pm | 30.66 | 33.25 | 2.59 | |
|----------|---------|-------|-------|------|--|
| 440047 | 9.40 am | 29.75 | 31.5 | 1.75 | |
| 14.09.17 | 3.40 pm | 30.25 | 31.75 | 1.5 | |
| 45.00.47 | 8.40 am | 30.44 | 31.6 | 1.16 | |
| 15.09.17 | 4.00 pm | 30.3 | 31.5 | 1.2 | |
| 16.00.17 | 8.40 am | 30.55 | 31.75 | 1.2 | |
| 16.09.17 | 3.40 pm | 30.5 | 32.65 | 2.15 | |
| 17.00.17 | 9.30 am | 30.3 | 32.5 | 2.2 | |
| 17.09.17 | 3.30 pm | 30.7 | 32.5 | 1.8 | |
| 10.00.17 | 9.00 am | 30.25 | 31.5 | 1.25 | |
| 18.09.17 | 3.40 pm | 30.8 | 32.5 | 1.7 | |
| 10.00.17 | 8.40 am | 30.5 | 32.25 | 1.75 | |
| 19.09.17 | 3.40 pm | 30.25 | 31.75 | 1.5 | |
| 20.00.47 | 9.40 am | 30.4 | 32 | 1.6 | |
| 20.09.17 | 3.30 pm | 31.1 | 32.75 | 1.65 | |
| 24 00 47 | 8.40 am | 31.15 | 32.88 | 1.73 | |
| 21.09.17 | 3.40 pm | 30.88 | 32 | 1.12 | |
| 22.00.47 | 9.00 am | 31.3 | 32.6 | 1.3 | |
| 22.09.17 | 3.30 pm | 31 | 32.5 | 1.5 | |
| 22.00.47 | 8.40 am | 31.25 | 32.75 | 1.5 | |
| 23.09.17 | 3.40 pm | 30.8 | 33 | 2.2 | |
| 24.00.47 | 9.00 am | 31 | 32.8 | 1.8 | |
| 24.09.17 | 3.30 pm | 30.5 | 32.25 | 1.75 | |
| 25.00.47 | 9.00 am | 30.88 | 32.75 | 1.87 | |
| 25.09.17 | 3.40 pm | 30.75 | 32.5 | 1.75 | |
| 26.00.47 | 8.40 am | 31.25 | 32.85 | 1.6 | |
| 26.09.17 | 3.40 pm | 31 | 33.2 | 2.2 | |
| | 9.00 am | 30.8 | 33 | 2.2 | |
| 27.09.17 | 3.30 pm | 31.2 | 33.25 | 2.05 | |
| 20.00.4= | 8.40 am | 31.5 | 33.25 | 1.75 | |
| 28.09.17 | 3.40 pm | 31.2 | 33.5 | 2.3 | |
| 20.00.47 | 9.00 am | 31.3 | 33.45 | 2.15 | |
| 29.09.17 | 3.40 pm | 31 | 33.25 | 2.25 | |
| 20.00.4= | 8.40 am | 31.15 | 33.2 | 2.05 | |
| 30.09.17 | 3.30 pm | 31.25 | 33.65 | 2.4 | |

October'2017

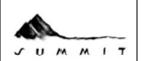
| Date | Time | River Water Inlet temp | River water outlet temp | Temp Diff | Remarks |
|----------|---------|------------------------|-------------------------|--------------|---------|
| 01 10 17 | 9.0 am | 31 | 33.5 | 2.5 | |
| 01.10.17 | 4.30 pm | 31.5 | 33.75 | 2.25 | |



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| 02.40.47 | 8.45 am | 31.25 | 33.5 | 2.25 | |
|----------|---------|-------|-------|------|-----------|
| 02.10.17 | 4.0 pm | 32 | 33.75 | 1.75 | |
| 02.10.17 | 9.15 am | 32 | 34 | 2 | |
| 03.10.17 | 3.30 pm | 33 | 34.2 | 1.2 | |
| 04.10.17 | 9.0 am | 32 | 33.75 | 1.75 | |
| 04.10.17 | 3.30 pm | 32.65 | 34 | 1.35 | |
| 05 10 17 | 9.30 am | 32.5 | 34.25 | 1.75 | |
| 05.10.17 | 3.0 pm | 32.66 | 34 | 1.34 | |
| 06 10 17 | 9.0 am | 32.78 | 34.25 | 1.47 | |
| 06.10.17 | 4.0 pm | 32.8 | 34.15 | 1.35 | |
| 07 10 17 | 8.45 am | 32.55 | 33.85 | 1.3 | |
| 07.10.17 | 3.30 pm | 32.78 | 33.8 | 1.02 | |
| 00 10 17 | 9.0 am | 31.75 | 33.5 | 1.75 | |
| 08.10.17 | 4.0 pm | 31.98 | 34 | 2.02 | |
| 00 10 17 | 9.30 am | 32.15 | 33.75 | 1.6 | |
| 09.10.17 | 3.30 pm | 31.85 | 33 | 1.15 | |
| 10 10 17 | 8.45 am | 31.88 | 33.25 | 1.37 | |
| 10.10.17 | 3.30 pm | 31.78 | 33.5 | 1.72 | |
| 11 10 17 | 9.0 am | 31.77 | 33.25 | 1.48 | |
| 11.10.17 | 4.0 pm | 31.96 | 33.85 | 1.89 | |
| 12 10 17 | 9.30 am | 31.68 | 34 | 2.32 | |
| 12.10.17 | 3.30 pm | 31.55 | 33.75 | 2.2 | |
| 12 10 17 | 9.30 am | 31.82 | 33.75 | 1.93 | |
| 13.10.17 | 3.30 pm | 31.9 | 34 | 2.1 | |
| 141017 | 9.0 am | 31.88 | 33.75 | 1.87 | |
| 14.10.17 | 4.0 pm | 32 | 34.25 | 2.25 | |
| 45 40 47 | 8.45 am | 31.74 | 33.75 | 2.01 | |
| 15.10.17 | 3.30 pm | 32.22 | 34.5 | 2.28 | |
| 16 10 17 | 9.30 am | 32.15 | 34.25 | 2.1 | |
| 16.10.17 | 3.30 pm | 32.2 | 34.5 | 2.3 | |
| 17 10 17 | 9.0 am | 31.98 | 34 | 2.02 | |
| 17.10.17 | 4.0 pm | 32.2 | 34.3 | 2.1 | |
| 10 10 17 | 9.30 am | 32.24 | 34.5 | 2.26 | |
| 18.10.17 | 3.30 pm | 32.2 | 34 | 1.8 | |
| 10 10 17 | 9.30 am | 31.9 | 34.25 | 2.35 | |
| 19.10.17 | 3.30 pm | | | 0 | Shut down |
| 20 10 17 | 9.30 am | | | 0 | Shut down |
| 20.10.17 | 3.30 pm | | | 0 | Shut down |
| 21 10 17 | 9.30 am | | | 0 | Shut down |
| 21.10.17 | 3.30 pm | | | 0 | Shut down |
| 22 10 17 | 9.0 am | | | 0 | Shut down |
| 22.10.17 | 3.45 pm | 30.06 | 32.5 | 2.44 | |
| 23.10.17 | 8.45 am | 30.25 | 32.75 | 2.5 | |



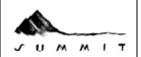
Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



| | 3.30 pm | 30.52 | 33 | 2.48 | |
|----------|---------|-------|-------|------|-----------|
| 24 10 17 | 9.30 am | 30.65 | 32.6 | 1.95 | |
| 24.10.17 | 3.30 pm | 30.85 | 32.75 | 1.9 | |
| 25.10.17 | 8.45 am | 30.66 | 32.75 | 2.09 | |
| 25.10.17 | 3.30 pm | 30.8 | 33 | 2.2 | |
| 26.10.17 | 9.30 am | 30.4 | 32.25 | 1.85 | |
| 20.10.17 | 4.0 pm | 30.25 | 32.5 | 2.25 | |
| 27.10.17 | 9.30 am | 30.7 | 32.75 | 2.05 | |
| 27.10.17 | 3.30 pm | 30.4 | 33 | 2.6 | |
| 28.10.17 | 9.0 am | 30.5 | 32.5 | 2 | |
| 20.10.17 | 3.30 pm | 30.2 | 32.25 | 2.05 | |
| 29.10.17 | 8.45 am | 30.8 | 32.75 | 1.95 | |
| 29.10.17 | 3.30 pm | 30.62 | 32.8 | 2.18 | |
| 30.10.17 | 8.45 am | 30.56 | 32.78 | 2.22 | |
| 30.10.17 | 4.0 pm | 31.88 | 33 | 1.12 | |
| 31.10.17 | 9.0 am | | | 0 | Shut down |
| 31.10.17 | 3.30 pm | | | 0 | Shut down |

November'2017

| Date | Time | River Water Inlet temp | River water outlet temp | Temp Diff | Remarks |
|----------|------|---------------------------------|-------------------------|-----------|----------|
| 01.11.17 | | | | | Shutdown |
| 01.11.17 | | | | | Shutdown |
| 02.11.17 | | | | | Shutdown |
| 02.11.17 | | | | | Shutdown |
| 03.11.17 | | | | | Shutdown |
| 03.11.17 | | | | | Shutdown |
| 04.11.17 | | | | | Shutdown |
| 04.11.17 | | | | | Shutdown |
| 05.11.17 | | | | | Shutdown |
| 03.11.17 | | | | | Shutdown |
| 06.11.17 | | | | | Shutdown |
| 00.11.17 | | | | | Shutdown |
| 07.11.17 | | | | | Shutdown |
| 07.11.17 | | | | | Shutdown |
| 08.11.17 | | | | | Shutdown |
| 00.11.17 | | | | | Shutdown |
| 09.11.17 | | | | | Shutdown |
| 09.11.17 | | | | | Shutdown |
| 10.11.17 | | | | | Shutdown |



Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



| l I | | Shutdown |
|----------|--|----------|
| | | Shutdown |
| 11.11.17 | | Shutdown |
| | | Shutdown |
| 12.11.17 | | Shutdown |
| | | Shutdown |
| 13.11.17 | | Shutdown |
| | | Shutdown |
| 14.11.17 | | Shutdown |
| | | Shutdown |
| 15.11.17 | | Shutdown |
| 10111 | | Shutdown |
| 16.11.17 | | Shutdown |
| 17 11 17 | | Shutdown |
| 17.11.17 | | Shutdown |
| 10 11 17 | | Shutdown |
| 18.11.17 | | Shutdown |
| 10 11 17 | | Shutdown |
| 19.11.17 | | Shutdown |
| 20 11 17 | | Shutdown |
| 20.11.17 | | Shutdown |
| 21.11.17 | | Shutdown |
| 21.11.17 | | Shutdown |
| 22.11.17 | | Shutdown |
| 22.11.17 | | Shutdown |
| 23.11.17 | | Shutdown |
| 23.11.17 | | Shutdown |
| 24.11.17 | | Shutdown |
| 24.11.17 | | Shutdown |
| 25.11.17 | | Shutdown |
| 25.11.17 | | Shutdown |
| 26.11.17 | | Shutdown |
| 20.11.1/ | | Shutdown |
| 27.11.17 | | Shutdown |
| 21.11.11 | | Shutdown |
| 28.11.17 | | Shutdown |
| 20.11.1/ | | Shutdown |
| 29.11.17 | | Shutdown |
| 23.11.11 | | Shutdown |
| 30.11.17 | | Shutdown |
| 50.11.17 | | Shutdown |



Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



December'2017

| Date | Time | River Water Inlet temp | River water outlet temp | Temp Diff | Remarks |
|----------|------|------------------------------|----------------------------------|-----------|----------|
| 01.12.17 | | | | | Shutdown |
| 01.12.17 | | | | | Shutdown |
| 02.12.17 | | | | | Shutdown |
| 02.12.17 | | | | | Shutdown |
| 03.12.17 | | | | | Shutdown |
| 03.12.17 | | | | | Shutdown |
| 04.12.17 | | | | | Shutdown |
| 04.12.17 | | | | | Shutdown |
| 05.12.17 | | | | | Shutdown |
| 03.12.17 | | | | | Shutdown |
| 06.12.17 | | | | | Shutdown |
| 00.12.17 | | | | | Shutdown |
| 07.12.17 | | | | | Shutdown |
| 07.12.17 | | | | | Shutdown |
| 08.12.17 | | | | | Shutdown |
| 00.12.17 | | | | | Shutdown |
| 09.12.17 | | | | | Shutdown |
| 03.12.17 | | | | | Shutdown |
| 10.12.17 | | | | | Shutdown |
| 10.12.17 | | | | | Shutdown |
| 11.12.17 | | | | | Shutdown |
| | | | | | Shutdown |
| 12.12.17 | | | | | Shutdown |
| | | | | | Shutdown |
| 13.12.17 | | | | | Shutdown |
| | | | | | Shutdown |
| 14.12.17 | | | | | Shutdown |
| | | | | | Shutdown |
| 15.12.17 | | | | | Shutdown |
| | | | | | Shutdown |
| 16.12.17 | | | | | Shutdown |
| | | | | | Shutdown |
| 17.12.17 | | | | | Shutdown |
| | | | | | Shutdown |
| 18.12.17 | | | | | Shutdown |
| | | | | | Shutdown |
| 19.12.17 | | | | | Shutdown |

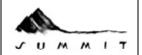


Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



| | Shutdown |
|----------|----------|
| 20.12.17 | Shutdown |
| 20.12.17 | Shutdown |
| 24 12 17 | Shutdown |
| 21.12.17 | Shutdown |
| 22.12.17 | Shutdown |
| 22.12.17 | Shutdown |
| 23.12.17 | Shutdown |
| 23.12.17 | Shutdown |
| 24.12.17 | Shutdown |
| 24.12.17 | Shutdown |
| 25.12.17 | Shutdown |
| 25.12.17 | Shutdown |
| 26.12.17 | Shutdown |
| 20.12.17 | Shutdown |
| 27.12.17 | Shutdown |
| 27.12.17 | Shutdown |
| 28.12.17 | Shutdown |
| 20.12.17 | Shutdown |
| 29.12.17 | Shutdown |
| 27.12.1/ | Shutdown |
| 30.12.17 | Shutdown |
| 30.12.1/ | Shutdown |
| 31.12.17 | Shutdown |
| 31.12.17 | Shutdown |

January'2018



Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



| Date | Time | River Water | River water | Temp Diff | Remarks | Remarks |
|-----------|------|----------------|----------------|-----------|---------|----------------------------------|
| 01.01.18 | | | | | | Shutdown |
| 01.01.10 | | | | | | Shutdown |
| 02.01.18 | | | | | | Shutdown |
| 02.01.10 | | | | | | Shutdown |
| 03.01.18 | | | | | | Shutdown |
| 05.01.10 | | | | | | Shutdown |
| 04.01.18 | | | | | | Shutdown |
| 0 1.02.20 | | | | | | Shutdown |
| 05.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 06.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 07.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 08.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 09.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 10.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 11.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 12.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 13.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 14.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 15.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 16.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 17.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 18.01.18 | | | | | | Shutdown Shutdown |
| | | | | | | Shutdown |
| 19.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 20.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 21.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 22.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 23.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 24.01.18 | | | | | | Shutdown |
| | | | | | | Shutdown |
| 25.01.18 | | | | | | • |
| 26.01.1- | | | | | | Shutdown age 98 Shutdown |
| 26.01.18 | | | | | | Shutdown |
| | | 1 | 1 | | | Shutdown |

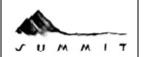


Summit Meghnaghat Power Company Limited Appual Public Environmental & Social

Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



February'2018



Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



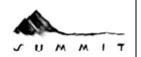
| Date | Time | River Water Inlet temp | River water outlet temp | Temp Diff | Remarks |
|----------|------|---------------------------|-------------------------|-----------|----------------------|
| 01 02 10 | | | | | Shutdown |
| 01.02.18 | | | | | Shutdown |
| 02.02.10 | | | | | Shutdown |
| 02.02.18 | | | | | Shutdown |
| 03.02.18 | | | | | Shutdown |
| 05.02.18 | | | | | Shutdown |
| 04.02.18 | | | | | Shutdown |
| 04.02.10 | | | | | Shutdown |
| 05.02.18 | | | | | Shutdown |
| | | | | | Shutdown |
| 06.02.18 | | | | | Shutdown |
| | | | | | Shutdown |
| 07.02.18 | | | | | Shutdown |
| | | | | | Shutdown |
| 08.02.18 | | | | | Shutdown |
| | | _ | | | Shutdown |
| 09.02.18 | | | | | Shutdown |
| | | | | | Shutdown |
| 10.02.18 | | | | | Shutdown |
| | | | | | Shutdown |
| 11.02.18 | | | | | Shutdown Shutdown |
| | | | | | Shutdown |
| 12.02.18 | | | | | Shutdown |
| | | | | | Shutdown |
| 13.02.18 | | | | | Shutdown |
| | | | | | Shutdown |
| 14.02.18 | | | | | Shutdown |
| | | | | | Initial Test Run |
| 15.02.18 | | No Steam Ser | it to Condenser | | Initial Test Run |
| 16.02.10 | | | | | Shutdown |
| 16.02.18 | | | | | Shutdown |
| 17.02.18 | | | | | Shutdown |
| 17.02.18 | | | | | Shutdown |
| 18.02.18 | | | | | Shutdown |
| 16.02.16 | | | | | Shutdown |
| 19.02.18 | | | | | Shutdown |
| 13.02.10 | | | | | Shutdown |
| 20.02.18 | | | | | Shutdown |
| | | | | | Shutdown |
| 21.02.18 | | | | | Shutdown |
| | | | | | Shutdown |
| 22.02.18 | | CWP Stor | Condition | | Initial Test Run |
| | | - | <u> </u> | | Initial Test Run |
| 23.02.18 | | | | | Shutdown |
| | | | | | Shutdown |
| 24.02.18 | | | | | Shutdown |
| | | | | | Shutdown |
| 25.02.18 | | _ | | | Shutdown |
| | | | | | Shutdown |
| 26.02.18 | | | | | Shutdown |
| | | | | | Page 100 Shutdown |
| 27.02.18 | | | | | |
| | ļ | | | | Shutdown |



Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



March'2018



Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



| Date | Time | River Water Inlet temp | River water outlet temp | Temp Diff | Remarks |
|----------|---------|---------------------------|-------------------------|-----------|--------------|
| 01 02 10 | | | | | Shutdown |
| 01.03.18 | | | | | Shutdown |
| 02.02.10 | | | | | Shutdown |
| 02.03.18 | | | | | Shutdown |
| 02.02.40 | | | | | Shutdown |
| 03.03.18 | | | | | Shutdown |
| 04.00.40 | | | | | Shutdown |
| 04.03.18 | | | | | Shutdown |
| 05.03.40 | 9.30 am | 25.65 | 28 | 2.35 | |
| 05.03.18 | 3.40 pm | 25.75 | 28 | 2.25 | |
| 06.00.40 | 8.45 am | 25.7 | 28 | 2.3 | |
| 06.03.18 | 4.00 pm | 25.6 | 28 | 2.4 | |
| 07.02.46 | 9.00 am | 25.82 | 28.25 | 2.43 | |
| 07.03.18 | 4.00 pm | 25.9 | 28.5 | 2.6 | |
| 00.00.10 | 8.45 am | 25.72 | 28 | 2.28 | |
| 08.03.18 | 4.00 pm | 25.96 | 28.5 | 2.54 | |
| | 9.00 am | 26.15 | 28.5 | 2.35 | |
| 09.03.18 | 4.00 pm | 26.3 | 28.5 | 2.2 | |
| | 9.00 am | 26.5 | 28.5 | 2 | On GT 1 & ST |
| 10.03.18 | 4.00 pm | 26.68 | 29 | 2.32 | On GT 1 & ST |
| | 9.00 am | 26.4 | 29 | 2.6 | On GT 1 & ST |
| 11.03.18 | 4.00 pm | 26.3 | 28.75 | 2.45 | On GT 1 & ST |
| | 9.00 am | 26.7 | 28.75 | 2.05 | On GT 1 & ST |
| 12.03.18 | 3.40 pm | 26.72 | 29 | 2.28 | On GT 1 & ST |
| | 9.00 am | 26.66 | 28.5 | 1.84 | On GT 1 & ST |
| 13.03.18 | 3.40 pm | 26.96 | 29 | 2.04 | On GT 1 & ST |
| | 8.45 am | 26.9 | 29.25 | 2.35 | On GT 1 & ST |
| 14.03.18 | 4.00 pm | 27.2 | 30 | 2.8 | |
| | 9.00 am | 27.33 | 30 | 2.67 | |
| 15.03.18 | 4.00 pm | 27.44 | 30 | 2.56 | |
| | 9.00 am | 27.6 | 30.25 | 2.65 | |
| 16.03.18 | 4.00 pm | 27.7 | 30.5 | 2.8 | |
| 17.00.10 | 8.45 am | 27.35 | 30 | 2.65 | |
| 17.03.18 | 4.15 pm | 27.45 | 30.25 | 2.8 | |
| 40.00.40 | 8.30 am | 27.33 | 30 | 2.67 | |
| 18.03.18 | 4.30 pm | 27.4 | 30.25 | 2.85 | |
| 40.02.46 | 9.00 am | 27.72 | 30.5 | 2.78 | |
| 19.03.18 | 4.00 pm | 27.25 | 30 | 2.75 | |
| 20.02.46 | 9.00 am | 27.61 | 30.5 | 2.89 | |
| 20.03.18 | 4.00 pm | 27.7 | 30.5 | 2.8 | |
| 24.02.46 | 8.45 am | 27.72 | 30.25 | 2.53 | |
| 21.03.18 | 4.00 pm | 27.82 | 30.5 | 2.68 | |
| 22.02.15 | 8.30 am | 27.76 | 30.5 | 2.74 | |
| 22.03.18 | 4.00 pm | 27.92 | 30.75 | 2.83 | Page 102 |
| 22.22.15 | 8.30 am | 28.32 | 31 | 2.68 | |
| 23.03.18 | 4.00 pm | 28.2 | 31 | 2.8 | |



Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



April'2018

| Date | Time | River Water Inlet temp | River water outlet temp | Temp Diff | Remarks |
|----------|--------------------|---------------------------|-------------------------|--------------|----------|
| 04.04.40 | | 0 | 0 | 0 | Shutdown |
| 01.04.18 | | 0 | 0 | 0 | Shutdown |
| 02.04.40 | 9.0 am | 28.8 | 31.65 | 2.85 | |
| 02.04.18 | 4.30 pm | 28.66 | 31.5 | 2.84 | |
| 02.04.40 | 8.45 am | 28.79 | 31.55 | 2.76 | |
| 03.04.18 | 4.0 pm | 28.76 | 31.65 | 2.89 | |
| 04.04.18 | 9.15 am | 28.75 | 31.45 | 2.7 | |
| 04.04.18 | 3.30 pm | 29 | 31.75 | 2.75 | |
| 05.04.18 | 9.0 am | 29.38 | 32 | 2.62 | |
| 05.04.18 | 3.30 pm | 29.4 | 32.25 | 2.85 | |
| 06.04.18 | 9.30 am | 29.15 | 32 | 2.85 | |
| 06.04.18 | 3.0 pm | 29.25 | 32 | 2.75 | |
| 07.04.10 | 9.0 am | 28.92 | 31.75 | 2.83 | |
| 07.04.18 | 4.0 pm | 28.82 | 31.75 | 2.93 | |
| 00.04.10 | 8.45 am | 28.88 | 31.75 | 2.87 | |
| 08.04.18 | 3.30 pm | 28.93 | 31.75 | 2.82 | |
| 00.04.40 | 9.0 am | 29.01 | 31.75 | 2.74 | |
| 09.04.18 | 4.0 pm | 29 | 31.75 | 2.75 | |
| | 9.30 am | 29.07 | 32 | 2.93 | |
| 10.04.18 | 3.30 pm | 29.28 | 32.1 | 2.82 | |
| | 8.45 am | 29.3 | 32.2 | 2.9 | |
| 11.04.18 | 3.30 pm | 29.35 | 32.15 | 2.8 | |
| | 9.0 am | 29.25 | 32 | 2.75 | |
| 12.04.18 | 4.0 pm | 29.12 | 31.85 | 2.73 | |
| | 9.30 am | 29.3 | 32.2 | 2.9 | |
| 13.04.18 | 3.30 pm | 29.2 | 32.1 | 2.9 | |
| | 9.30 am | 29.27 | 32.15 | 2.88 | |
| 14.04.18 | 3.30 pm | 29.6 | 32.3 | 2.7 | |
| | 9.0 am | 29.72 | 32.5 | 2.78 | |
| 15.04.18 | | 29.75 | 32.6 | 2.85 | |
| | 4.0 pm | 29.88 | 32.7 | 2.82 | |
| 16.04.18 | 8.45 am 3.30 pm | 30 | 32.8 | 2.82 | |
| | 9.30 am | 30.25 | 33 | 2.75 | |
| 17.04.18 | 3.30 pm | 29.82 | 32.7 | 2.75 | |
| | 9.0 am | 30.22 | 32.9 | 2.68 | |
| 18.04.18 | 4.0 pm | 30.22 | 33 | 2.78 | |
| | 9.30 am | 30.35 | 32.6 | 2.78 | |
| 19.04.18 | 3.30 pm | 30.45 | 32.5 | 2.25 | |
| | | | 32.8 | | |
| 20.04.18 | 9.30 am 3.30 pm | 30.52 30.55 | 32.44 | 2.28 1.89 | |
| | 9.30 am | 30.25 | 32.45 | 2.2 | |
| 21.04.18 | | | | | |
| | 3.30 pm 9.30 am | 30.3 30.25 | 32.42 32.55 | 2.12 2.3 | |
| 22.04.18 | 3.30 pm | 30.25 | 32.55 | 2.3 | |
| | 9.0 am | 30.35 | 32.45 | 2.1 | |
| 23.04.18 | | 30.42 | 32.35 | 1.93 | |
| | 3.45 pm 8.45 am | 30.42 | 32.35 | 2.05 | |
| 24.04.18 | | 30.45 | 32.45 | 2.05 | |
| | 3.30 pm | 30.35 | 32.45 | | |
| 25.04.18 | 9.30 am 3.30 pm | 30.4 | 32.65 | 2.25 2.2 | |
| | 8.45 am | 30.45 | 32.7 | 2.05 | |
| 26.04.18 | | | | 2.05 | |
| | 3.30 pm | 30.33 | 32.5 | | |
| 27.04.18 | 9.30 am | 30.2 | 32.55 | 2.35 | |
| | 4.0 pm | 30.32 | 32.4 | 2.08 | |
| 28.04.18 | 9.30 am | 30.2 | 32.35 | 2.15 | |
| | 3.30 pm | 30.15 | 32.35 | 2.2 | |
| 29.04.18 | 9.0 am | 29.75 | 31.85 | 2.1 | |
| | 3.30 pm | 29.66 | 31.88 | 2.22 | |
| 30.04.18 | 8.45 am | 29.4 | 31.5 | 2.1 | |
| | 3.30 pm | 29.32 | 31.45 | 2.13 | |



Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



May'2018

| Date | Time | River Water | River water | Temp Diff | Remarks |
|-----------|----------|----------------|----------------|-----------|--------------|
| 01.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 01.03.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 02.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 02.03.10 | 0:00 | 0 | 0 | 0 | Shut Down |
| 03.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 05.05.10 | 0:00 | 0 | 0 | 0 | Shut Down |
| 04.05.18 | 0:00 | 0 | О | 0 | Shut Down |
| 0 1103.10 | 0:00 | 0 | 0 | 0 | Shut Down |
| 05.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 05.05.10 | 0:00 | 0 | 0 | 0 | Shut Down |
| 06.05.18 | 0:00 | 0 | О | 0 | Shut Down |
| 00.03.10 | 0:00 | 0 | 0 | 0 | Shut Down |
| 07.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 07.03.10 | 0:00 | 0 | 0 | 0 | Shut Down |
| 08.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 00.05.10 | 0:00 | 0 | 0 | 0 | Shut Down |
| 09.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 09.03.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 10.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 10.03.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 11.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 11.05.16 | 0:00 | 0 | 0 | 0 | Shut Down |
| 12.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 12.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 42.05.40 | 0:00 | 0 | 0 | 0 | Shut Down |
| 13.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 44.05.40 | 0:00 | 0 | 0 | 0 | Shut Down |
| 14.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 45.05.40 | 0:00 | 0 | 0 | 0 | Shut Down |
| 15.05.18 | 4.15 pm | 28.3 | 30.5 | 2.2 | |
| 46.05.40 | 0:00 | 0 | 0 | 0 | Shut Down |
| 16.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 47.05.40 | 0:00 | 0 | 0 | 0 | Shut Down |
| 17.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| | 0:00 | 0 | 0 | 0 | Shut Down |
| 18.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 40.05.40 | 0:00 | 0 | 0 | 0 | Shut Down |
| 19.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| | 0:00 | 0 | 0 | 0 | Shut Down |
| 20.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 24 05 40 | 0:00 | 0 | 0 | 0 | Shut Down |
| 21.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 22.05.40 | 0:00 | 0 | 0 | 0 | Shut Down |
| 22.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 22.05.40 | 0:00 | 0 | 0 | 0 | Shut Down |
| 23.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 24.05.40 | 0:00 | 0 | 0 | 0 | Shut Down |
| 24.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 25.05.43 | 0:00 | 0 | 0 | 0 | Shut Down |
| 25.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 26.65.40 | 0:00 | 0 | 0 | 0 | Shut Down |
| 26.05.18 | 0:00 | 0 | 0 | 0 | Shut Down |
| 27.05.40 | 9.15 am | 29.88 | 32 | 2.12 | |
| 27.05.18 | 2.25 pm | 29.85 | 32.15 | 2.3 | |
| 20.65.46 | 9.00 am | 30 | 32.25 | 2.25 | |
| 28.05.18 | 2.20 pm | 30.15 | 32.5 | 2.35 | |
| 20.5= := | 8.45 am | 30.25 | 32.65 | 2.4 | |
| 29.05.18 | 2.30 pm | 30.2 | 32.7 | 2.5 | |
| | 8.30 am | 30.4 | 32.8 | 2.4 | On GT 2 & ST |
| 30.05.18 | 2.25 pm | 31.25 | 33.5 | 2.25 | |
| | 8.35 am | 30.5 | 32.7 | 2.2 | |
| 31.05.18 | 2.15 pm | 31.2 | 33.65 | 2.45 | |
| | LETE DIU | 31.2 | 33.03 | 2.43 | |



Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



June'2018

| Date | Time | River Water | River water | Temp Diff | Remarks | Remarks |
|----------|--------------|-------------|---------------|-----------|--|--------------|
| | 0.00 | Inlet temp | outlet temp | 2.02 | + | |
| 01.06.18 | 9:00am | 30.88 | 33.7 | 2.82 | | |
| | 2.25 pm | 30.85 | 33.5 | 2.65 | | |
| 02.06.18 | 8:40am | 30.92 | 33.75 | 2.83 | + | |
| | 2.30 pm | 31.05 | 33.85 | 2.8 | + | |
| 03.06.18 | 8:15am | 30.82 | 33.5 | 2.68 | + | |
| | 2.10 pm | 31.08 | 33.68 | 2.6 | | |
| 04.06.18 | 8.45am | 31.06 | 33.9 | 2.84 | | |
| | 2.15 pm | 31.12 | 33.75 | 2.63 | | |
| 05.06.18 | 9:00am | 30.92 | 33.5 | 2.58 | | |
| | 2.25 am | 31.08 | 33.75 | 2.67 | | |
| 06.06.18 | 8.50 pm | 31.15 | 33.7 | 2.55 | | |
| | 2.10 pm | 31.68 | 34.25 | 2.57 | | |
| 07.06.18 | 9:00am | 31.8 | 34.3 | 2.5 | | |
| | 2.20 pm | 32.32 | 34.65 | 2.33 | | |
| 08.06.18 | 9:20am | 32.3 | 34.75 | 2.45 | | |
| | 2.30 pm | 32.72 | 35.2 | 2.48 | | |
| 09.06.18 | 9:00am | 33.15 | 35.5 | 2.35 | | |
| | 2.20 pm | 33.48 | 35.85 | 2.37 | | |
| 10.06.18 | 8:45am | 32.82 | 35.25 | 2.43 | | |
| | 2.15 pm | 33.42 | 35.75 | 2.33 | | |
| 11.06.18 | 9:10am | 32.66 | 35 | 2.34 | | |
| 11.00.10 | 2.20 pm | 32.85 | 35.08 | 2.23 | | |
| 12.06.18 | 9:00am | 32.72 | 35.15 | 2.43 | | |
| 12.00.18 | 2.10 pm | 32.86 | 35.25 | 2.39 | | |
| 13.06.18 | 8:30am | 32.46 | 34.75 | 2.29 | | |
| 15.06.16 | 2.20 pm | 32.7 | 35.15 | 2.45 | | |
| 14.00.10 | 8:45am | 32.55 | 34.85 | 2.3 | | |
| 14.06.18 | 2.30 pm | 32.65 | 35 | 2.35 | | |
| 15.05.10 | 0:00 | 0 | 0 | 0 | | Shatdown |
| 15.06.18 | 0:00 | 0 | 0 | 0 | | Shatdown |
| 16.06.10 | 0:00 | 0 | 0 | 0 | | Shatdown |
| 16.06.18 | 0:00 | 0 | 0 | 0 | | Shatdown |
| 17.05.10 | 0:00 | 0 | 0 | 0 | | Shatdown |
| 17.06.18 | 0:00 | 0 | 0 | 0 | | Shatdown |
| | 0:00 | 0 | 0 | 0 | | Shatdown |
| 18.06.18 | 0:00 | 0 | 0 | 0 | | Shatdown |
| | 0:00 | 0 | 0 | 0 | | Shatdown |
| 19.06.18 | 0:00 | 0 | 0 | 0 | | Shatdown |
| | 9:00am | 0 | 0 | 0 | | Shatdown |
| 20.06.18 | 0:00 | 0 | 0 | 0 | | Shatdown |
| | 8:30am | 0 | 0 | 0 | | Shatdown |
| 21.06.18 | 0:00 | 0 | 0 | 0 | | Shatdown |
| | 9:00am | 0 | 0 | 0 | | Shatdown |
| 22.06.18 | 0:00 | 0 | 0 | 0 | | Shatdown |
| | 8:30am | 0 | 0 | 0 | | Shatdown |
| 23.06.18 | 0:00 | 0 | 0 | 0 | | Shatdown |
| | 8:35am | 0 | 0 | 0 | + | Shatdown |
| 24.06.18 | 0:00 | 31.25 | 33 | 1.75 | | On GT 1 & ST |
| | 9:00am | 31.65 | 33.15 | 1.75 | | On GT 1 & ST |
| 25.06.18 | 0:00 0:00 | | 33.15 | 1.65 | + | |
| | | 31.6 | | | + | On GT 1 & ST |
| 26.06.18 | 8:45am | 31.5 | 33.3 33.15 | 1.8 | | On GT 1 & ST |
| | 0:00 | 31.4 | | 1.75 | + | On GT 1 & ST |
| 27.06.18 | 8:30am | 31.35 | 33.2 | 1.85 | | On GT 1 & ST |
| | 0:00 | 31.7 | 33.5 | 1.8 | | On GT 2 & ST |
| 28.06.18 | 9:00am | 31.5 | 33.15 | 1.65 | | On GT 2 & ST |
| | 0:00 | 31.45 | 33.2 | 1.75 | | On GT 2 & ST |
| 29.06.18 | 8:30am | 31.51 | 33.25 | 1.74 | | On GT 2 & ST |
| | 0:00 | 31.48 | 33.3 | 1.82 | ļ | On GT 2 & ST |
| 30.06.18 | 8:45am | 31.64 | 33.5 | 1.86 | | On GT 2 & ST |
| | 0:00 | 31.55 | 33.4 | 1.85 | 1 | On GT 2 & ST |



Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018

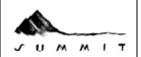
9.8 Annexure-8 Noise Monitoring Record

Residential and Mixed Zone

| | Summit Meghnaghat Power Company Limited | Run | ning | Runi | ning | Runi | ning | Run | ning | Shuti | lown | Shutt | lown | ShutD |)own | Shut | Down | Runi | ning | Runi | ning | Shuti | Down | Shuti | lown |
|-----|--|-------|-------|-------|-------|-------|-------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|---------|----------|-------|-------|
| ı | Nearby 450 MW Old Plan | Run | ning | Runi | ning | Runi | ning | Run | ning | Run | ning | Runr | ing | Run | ning | Run | ning | Runr | ning | Runi | ning | Running | (Single) | Run | ning |
| S/N | | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night |
| Г | IFC Limit Value ((Residential) | 55 | 45 | 55 | 45 | 55 | 45 | 55 | 45 | 55 | 45 | 55 | 45 | 55 | 45 | 55 | 45 | 55 | 45 | 55 | 45 | 55 | 45 | 55 | 45 |
| н | DOE Limit Value (Mixed Zone) | 60 | 50 | 60 | 50 | 60 | 50 | 60 | 50 | 60 | 50 | 60 | 50 | 60 | 50 | 60 | 50 | 60 | 50 | 60 | 50 | 60 | 50 | 60 | 50 |
| П | DOE Limit Value (Residential) | 50 | 40 | 50 | 40 | 50 | 40 | 50 | 40 | 50 | 40 | 50 | 40 | 50 | 40 | 50 | 40 | 50 | 40 | 50 | 40 | 50 | 40 | 50 | 40 |
| L | Date of Record | 21-Ju | 1-17 | 17-AL | g-17 | 30-Se | p-17 | 18-0 | ct-17 | 19-No | v-17 | 24-De | c-17 | 25-Ja | n-18 | 24-Fi | eb-18 | 24-M | ar-18 | 24-A | or-18 | 15-M | ay-18 | 20-Ji | n-18 |
| 1 | Dudghata Village (Residential) | 41.8 | 40 | 43.6 | 41.5 | 44.6 | Q .8 | 45 | 44.7 | 44 | 43 | 45 | 44.5 | 44.2 | 43.8 | 4 | 43.6 | 44.5 | 43.8 | 43.6 | 43 | 425 | 41.7 | 40 | 39.5 |
| 2 | Ganga Nagar Village (Mixed Zone) | 48 | 41.5 | 52 | 44.4 | 53.4 | 45 | 53.8 | 46 | 51.5 | 47 | 49 | 47.5 | 48 | 47 | 49.8 | 49 | 50 | 49.3 | 49.8 | 49.2 | 49 | 48.8 | 48.8 | 48.5 |

Industrial Zone

| | Summit Meghnaghat Power Company Limited | Run | ning | Run | ning | Run | ning | Run | ning | Shute | down | Shutd | lown | Shuti | lown | Shuti | down | Runn | ing | Run | ning | Shutc | Jown | Shuto | Jown |
|-----|--|-------|-------|------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|---------|----------|-------|-------|
| S/N | Nearby 450 MW Old Plan | Run | ning | Run | ning | Run | ning | Run | ning | Run | ning | Runr | ning | Run | ning | Run | ning | Runn | ing | Run | ning | Running | (Single) | Run | ning |
| ľ | | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night |
| ı | IFC Limit Value (Industrial) | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| П | DOE Limit Value (Industrial) | 75 | 70 | 75 | 70 | 75 | 70 | 75 | 70 | 75 | 70 | 75 | 70 | 75 | 70 | 75 | 70 | 75 | 70 | 75 | 70 | 75 | 70 | 75 | 70 |
| | Date of Record | 19-Ji | l-17 | 16-A | ug-17 | 30-Se | ер-17 | 18-0 | ct-17 | 20-No | ov-17 | 23-De | c-17 | 28-Ja | n-18 | 23-Fe | eb-18 | 22-Ma | r-18 | 23-A | or-18 | 14 M | ay-18 | 19-Ju | un-18 |
| 1 | North - East (Boundary 01) | 52.8 | 51.2 | 54.4 | 533 | 55 | 54.5 | 56.5 | 55.3 | 52.6 | 52 | 53.5 | 52.8 | 53 | 52.6 | 54.2 | 23 | 52.6 | 522 | 50.5 | 50 | 452 | 44.8 | 50 | 49.8 |
| 2 | North - East (Boundary 02) | 54 | 52.8 | 56.8 | 54.2 | 56.6 | 55 | 57.2 | 562 | 54.4 | 54 | 54.8 | 54.2 | 54.5 | 53.8 | 55.5 | 55 | 53.8 | 53 | 51.6 | 51.1 | 46.5 | 46.2 | 51.8 | 51.5 |
| 3 | South - East | 59.8 | 58.7 | 61.8 | 60.2 | 60.8 | 59.9 | 61 | 60.2 | 60.8 | 59.8 | 61 | 60.2 | 60.8 | 60 | 60.3 | 60 | 56.5 | 56 | 57 | 56.5 | 51.1 | 50.8 | 57 | 56.8 |
| 4 | South Boundary 01 | 50.7 | 49.2 | 52.8 | 512 | 33 | 525 | 53.8 | 525 | 50 | 48.8 | 50.6 | 50 | 50 | 49.8 | 49.8 | 495 | 46.5 | 45.8 | 46.6 | 46 | 45.5 | 5.1 | 46.5 | 46. |
| 5 | South Boundary 02 | 49.6 | 47.7 | 51.8 | 49.8 | 51.6 | 50.5 | 50.6 | 49.5 | 45.8 | 44.8 | 46.6 | 45.8 | 46.2 | 45.2 | 46.8 | 46 | 44 | 43.5 | 45 | 44.5 | 44.8 | 44.2 | 45.3 | 4 |
| 6 | South - West Boundary | 58.8 | 57.5 | 61.6 | 59.8 | 62 | 60.5 | 61.5 | 60.3 | 45.5 | 44.6 | 46 | 45.5 | 45.6 | 45 | 47 | 46 | 56.6 | 56 | 57.5 | 56.8 | 525 | 52.1 | 523 | 5 |
| 7 | North - west Boundary | 60.6 | 59.5 | 61.8 | 60.8 | 61 | 60.5 | 60.6 | 59.8 | 455 | 44.7 | 46.6 | 45.8 | 46 | 45.5 | 45.5 | 45 | 60.8 | 59.6 | 60.5 | 60 | 46.6 | 46 | 46.8 | 46.2 |

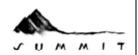


Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



| | OSHA | | | | | | | | | | | | Engineer |
|-----|-----------------------------|---------------|---------------|-----------------------|---------------|---------------|---------------------------|---------------------|--|-------------------------------|----------------------------|-----------------------------------|----------------------------|
| s/n | Name of the Equipments | uni t | OSH | | red Value | S | | Aver age, Lpa | T (Hou r) as per G16- A | Expos ure Time (Hour | Perce nt Dose (%) | Expos ure Time , Hour | Percenta ge Dose (%) |
| | | | Samp ling1 | Sa mp ling 2 | Sampli ng3 | Sampli ng4 | | | т | С | D | С | D |
| 1 | Condensing water pump | dB A | 95.8 | 93. 6 | 92.8 | 94.8 | 2,754, 543,51 4 | 94.4 0 | 5.36 | 0.33 | 6.2 | | |
| 2 | Vacuum Pump | dB A | 92.9 | 93. 4 | 92.8 | 93.6 | 2,083, 483,64 9 | 93.1 9 | 6.14 | 0.33 | 5.4 | | |
| 3 | Closed Cooling Water P/P | dB A | 93.9 | 94. 6 | 95.7 | 93.5 | 2,823, 203,46 2 | 94.5 | 5.3 | | | 0.50 | 9.4 |
| 4 | HRSG A | dB A | 79.9 | 79. 8 | 78.8 | 81.7 | 104,24 7,894 | 80.1 8 | 31.6 8 | 0.67 | 2.1 | | |
| 5 | HRSG B | dB A | 80.9 | 76. 7 | 79.2 | 84.8 | 138,74 2,985 | 81.4 2 | 27.5 2 | 0.67 | 2.4 | | |
| 6 | HP Feed Water Pump A | dB A | 79.7 | 85. 4 | 90.8 | 85 | 489,63 8,620 | 86.9 0 | 12.9 6 | 0.33 | 2.6 | | |
| 7 | HP Feed Water Pump B | dB A | 82 | 86. 6 | 86.9 | 85 | 355,39 6,024 | 85.5 1 | 15.2 | 0.33 | 2.2 | | |
| 8 | LP Feed Water Pump A | dB A | 86 | 85 | 84.2 | 83.8 | 304,31 1,257 | 84.8 | 18.2 4 | 0.33 | 1.8 | | |
| 9 | LP Feed Water Pump B | dB A | 85.9 | 85. 8 | 84.6 | 83.9 | 325,77 7,146 | 85.1 3 | 15.8 4 | 0.33 | 2.1 | | |
| 10 | Cooling Water Pump A | dB A | 86 | 86. 8 | 85.5 | 83.9 | 369,25 5,386 | 85.6 7 | 14.7 2 | | | 0.50 | 3.4 |
| 11 | Cooling Water Pump B | dB A | 85.8 | 86. 9 | 85 | 84 | 359,34 6,156 | 85.5 6 | 15.2 | | | 0.50 | 3.3 |
| 12 | Raw Water Pump A | dB A | 86.5 | 86 | 87.9 | 85.9 | 462,60 7,727 | 86.6 | 13.4 | | | 0.50 | 3.7 |
| 13 | Air Compressor A | dB A dB | 83 | 84. 6 | 82.9 | 84 | 233,52 5,621 | 83.6 8 83.8 | 20.4 8 19.8 | | | 0.50 | 2.4 |
| 14 | Air Compressor B | A A | 83.7 | 83. 9 | 84 | 83.7 | 241,37 6,324 4,257, | 83.8 | 19.8 4 | | | 0.50 | 2.5 |
| 15 | Steam Turbine | dB A | 97.4 | 97. 6 | 94.3 | 94.9 | 4,257, 909,58 7 | 96.2 9 | 4.28 | 0.50 | 11.7 | | |
| 16 | Gas Turbine | dB A | 83.6 | 83. 7 | 83.4 | 83.8 | 230,54 2,275 | 83.6 3 | 20.4 8 | 0.50 | 2.4 | | |
| | Total Dose | | | | | | | | | | 36.6 | | 24.8 |

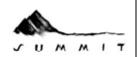
82.7 79.9



Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



| | | | PB Engineer | BOP Engineer |
|-----|---------------------------|---|---|--|
| S/N | Name of the Equipments | Exposure in each round | Expousure Time in each shift of concern person | Expousure Time in each shift of concern person |
| | | Exposure times (Minutes) X No. of round | Minutes | Minutes |
| 1 | Condensing water pump | 10 x 2 | 20 | |
| 2 | Vaccum Pump | 10 x 2 | 20 | |
| 3 | Closed Cooling Water Pump | 15 x 2 | | 30 |
| 4 | HRSG A | 20 x 2 | 40 | |
| 5 | HRSG B | 20 x 2 | 40 | |
| 6 | HP Feed Water Pump A | 10 x 2 | 20 | |
| 7 | HP Feed Water Pump B | 10 x 2 | 20 | |
| 8 | LP Feed Water Pump A | 10 x 2 | 20 | |
| 9 | LP Feed Water Pump B | 10 x 2 | 20 | |
| 10 | Cooling Water Pump A | 15 x 2 | | 30 |
| 11 | Cooling Water Pump B | 15 x 2 | | 30 |
| 12 | Raw Water Pump A | 15 x 2 | | 30 |
| 13 | Air Compressor A | 15 x 2 | | 30 |
| 14 | Air Compressor B | 15 x 2 | | 30 |
| 15 | Steam Turbine | 15 x 2 | 30 | |
| 16 | Gas Turbine | 15 x 2 | 30 | |



Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018

9.9 Annexure- 9 Waste Management Record

| | | | | | | Amo | ount of | waste Gener | <mark>ated in Operat</mark> | ion Phase | | | | |
|----|--------------|-----------------|---------------------------|-------------------|-------------------------|------------------|----------------|-------------|----------------------------------|-----------|------------------|-------------------------------|--------------------------------|--|
| | | Paper (Drum) | Intake waste (Drum) | plastic (Drum) | Kitchen waste (Drum) | Mud Cake (kg) | Sludge (Kg) | Remarks | Syringe/Medicin e/bandage etc | Remarks | Used Oil/Fuel | Air/Oil/Fuel Filters (pcs) | Fuel/Oil soacked Cloth (Kg) | Remarks |
| | | | | | | | | | | | | 348 (Used Air | | |
| 1 | July'17 | 4 | 0 | 0 | 85 | nil | nil | | nil | | nil | Filters) | nil | |
| 2 | August'17 | 6 | 0 | 0 | 90 | nil | nil | | nil | | nil | Nil | nil | |
| | September'17 | 1 | 0 | 0 | 76 | nil | nil | | nil | | nil | Nil | nil | |
| 4 | October'17 | 5 | 0 | 0 | 127 | nil | nil | | nil | | nil | nil | 50 | |
| 5 | November'17 | 2 | 0 | 0 | 62 | nil | nil | | nil | | nil | 360 (Used air filters) | Nil | |
| 6 | December'17 | 2 | 0 | 0 | 70 | nil | nil | | nil | | nil | nil | nil | |
| 7 | January'18 | 2 | nil | nil | 99 | nil | nil | | nil | | nil | nil | nil | |
| 8 | February'18 | 2 | nil | nil | 81 | nil | nil | | nil | | nil | 196 pcs used oil filter | nil | |
| 9 | March'18 | 1 | nil | nil | 75 | nil | nil | | nil | | nil | nil | nil | |
| 10 | April'18 | 1 | nil | nil | 90 | nil | nil | | nil | | Nil | 348 pcs Used Air Filter | Nil | |
| 11 | May'18 | 10 | nil | nil | 160 | nil | nil | | nil | | nil | 348 pcs Used Air Filter | 55 | |
| 12 | June'18 | 3 | nil | nil | 97 | 10 | nil | | nil | | nil | nil | nil | Mud cake has been used for landfill |

| | | | | | | | | Amount of wast | e Disposal in | Operation Phase | | | | |
|----|--------------|-----------------|---------------------------|-------------------|----------------------------|---------------------|----------------|------------------------|----------------------------------|-----------------|------------------|------------------------------|---------------------------------|---|
| | | Paper (Drum) | Intake waste (Drum) | plastic (Drum) | Kitchen waste (Drum) | Mud Cake (Kg) | Sludge (kg) | Remarks | Syringe/Medicin e/bandage etc | Remarks | Used Oil/Fuel | FiltersAir/Oil/Fuel (pcs) | Liquid soacked Cloth (kg) | Remarks |
| 1 | July'17 | 4 | 0 | 0 | 85 | | nil | Disposed by Tania Ent. | nil | | nil | 348 (Air Filters) | | Disposed By Meghna Ent. |
| 2 | August'17 | 6 | 0 | 0 | 90 | nil | nil | Disposed by Tania Ent. | nil | | nil | nil | nil | |
| 3 | September'17 | 1 | 0 | 0 | 76 | nil | nil | Disposed by Tania Ent. | nil | | nil | Nil | nil | |
| 4 | October'17 | 5 | 0 | 0 | 127 | nil | nil | Disposed by Tania Ent. | nil | | nil | nil | 50 | Disposed to yar Ent through Tania Ent. |
| 5 | November'17 | 2 | 0 | 0 | 62 | nil | nil | Disposed by Tania Ent. | nil | | nil | 360 (Used air filters) | Nil | Disposed by Tania Ent. |
| 6 | December'17 | 2 | 0 | 0 | 70 | nil | nil | Disposed by Tania Ent. | nil | | nil | nil | nil | |
| 7 | January'18 | 2 | 0 | 0 | 99 | nil | nil | Disposed to Tania Ent. | nil | | nil | nil | nil | |
| 8 | February'18 | 2 | nil | nil | 81 | nil | nil | Disposed to Tania Ent. | nil | | nil | 196 pcs used oil filter | | used oil filters were kept in designated place to reuse, Presently the conditions of filters are not suitable for reuse, for this |
| _ | March'18 | 1 | nil | nil | 75 | nil | nil | Disposed to Tania Ent. | nil | | nil | nil | nil | |
| | April'18 | 1 | nil | nil | 90 | nil | nil | Disposed to Tania Ent. | nil | | Nil | 348 pcs Used Air Filter | Nil | |
| 11 | May'18 | 10 | nil | nil | 160 | nil | nil | Disposed to Tania Ent. | nil | | nil | 348 pcs Used Air Filter | Nil | |
| 12 | June'18 | 3 | nil | nil | 97 | nil | nil | Disposed to Tania Ent. | nil | | nil | nil | nil | |

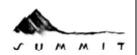


Summit Meghnaghat Power Company Limited Annual Public Environmental & Social

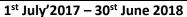




9.10 Annexure -10 Mock Drill Report



Annual Public Environmental & Social Monitoring Report









Document No: SMPCL-EHS-F-003

Revision No.: 00

Effective Date: 10 Jan 16

TITLE: MOCK DRILL REPORT

Page 1 of 3 Date: 14.07.2017

Oil Spill Response Drill

Description of Emergency Scenario

01:30 hrs: Mr. Nur (Field Supervisor) informed oil spillage starts from jetty hose connection joint

01:33 hrs: After checking the affected area. As per section no. 2.4.2.1 of SMPCL-EHS-004 procedure. Emergency siren was activated & Emergency situation was declared by Incident commander and announced by emergency coordinator via PA system & walkie-talkie.

01:35 hrs: As per section 2.2.5 of SMPCL-EHS-004 procedure, after reporting all employees at designated assembly point head count was done by assembly point coordinator and informed to emergency coordinator.

01:37 hrs: As per section no. 2.4.3 of SMPCL-EHS-004 procedure, Emergency coordinator checked the number of person with the last updated entry and exit record & found no person was missing.

01:39 hrs: Emergency response team with security personnel mobilized as per Incident commander's instruction.

01:43 hrs: Spillage control done by a) Closing v/v b) Spillage oil collected in buckets and after it was dumped into the LDO Oil drain sump. c) Used oil dispersant to neutralize.

01:45 hrs: Final Head count was done.

01:46 hrs Emergency withdrawn by PA system after confirming everything was normal.

2:30 hrs After the drill complete the oil boom condition has been checked by EHS committee members

Incident Area 14 -July-2017 01:30 am Date and Time Number of people counted in the assembly points Total People Assembly Assembly Assembly Assembly Number of Point -1 Point -3 Point -4 Total Missing Plant Person 05 02 00 02 01 05 00 EPC 00 00 00 00 00 00 00 Security 14 00 02 04 08 14 00 Driver 00 00 00 00 00 00 00 Subcontractor/S 02 00 00 02 00 02 00 ervice provider Total 21 02 02 08 09 21 00 01:30:00 01:33:05 01: 33:30 01:33:43 First Man Reporting Time hrs hrs hrs hrs 01:34:00 01:34:33 01:30:02 01:34:12 Last Man Reporting Time hrs hrs hrs hrs Point person of Assembly Point-3: Mr. Nayon Assembly Point-1: Md. Nadir Shah **Assembly Points** Assembly Point 2 - Mr. Muzibur Rahman Assembly Point -4 Mr. Nur Search & Rescue Team Member's Name Emergency Response Team Member's Name



Annual Public Environmental & Social Monitoring Report



1st July'2017 - 30st June 2018



Date: 14.07.2017

| Name | Dept | Name | Dept |
|------|------|-----------|-----------|
| | | Mr.Rafi | OPERATION |
| | | Mr. Noyon | OPERATION |
| | | Mr.Nur | OPERATION |

Description of Emergency Response Team Activities

Oil spillage happened from jetty area hose connection joint leak, instantly informed by field personnel to CCR through walky-talky.CCR informed to all area about the incident. Affected area was checked by operation people along with security personnel & action taken as per incident commander instruction. As fuel unloading was going on instantly pump was stopped, suction & discharge v/v closed. With help of emergency response team oil dispersant was poured to neutralize the spilled oil. During the incident no harm happened to any people, after everything normalized informed to all area through CCR PA. The condition of oil boom was checked by operation team after the drill finish. The boom condition found satisfactory. Then fuel unloading activities were started again. Total 16 were minutes consumed to complete the drill.

End Time 01:46 hrs

Observation:

- Communication: Emergency situation was declared via PA system & walkie-talkie.
- Medical and Handling of injured person: All employees were found safe. No injury occurred during drill.
- . Finally, a meeting was held after completion of the drill about the observation of the drill.

| Group# | С | SCE Name | Md. Saiful Islam |
|---------------|---------------|-----------|--------------------|
| Emergency Res | ponse Coordin | ator Name | Mr. Md. Nadir Shah |



Summit Meghnaghat Power Company Limited Applied Public Environmental & Social

Annual Public Environmental & Social Monitoring Report



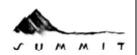
1st July'2017 – 30st June 2018



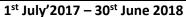
Date: 14.07.2017







Annual Public Environmental & Social Monitoring Report









Document No: SMPCL-EHS-F-003

Revision No.: 00

Page 1 of 3

Effective Date: 10 Jan 16

TITLE: MOCK DRILL REPORT

Date: 24.08.2017

Earthquake, Explosion & Structure Collapse Eemergency

Description of Emergency Scenario

10:15 hrs: Mr. Nur (Operation) informed to control room that there is an structural collapse happen in the jetty over bridge.

10:17 hrs: After verifying the situation As per section no. 2.4.2.1 of SMPCL-EHS-004 procedure. Emergency siren was activated & Emergency situation was declared by Incident commander and announced by emergency coordinator via PA system & walkie-talkie.

10:21 hrs: As per section 2.2.5 of SMPCL-EHS-004 procedure, All KPS employees, drivers, contractors labors, kitchen staffs, office staffs were gathered at designated assembly point. Head count was done by assembly point coordinator and informed to emergency coordinator.

10:24 hrs: As per section no. 2.4.3 of SMPCL-EHS-004 procedure, Emergency response coordinator checked the number of person with the last updated entry and exit record & found no person was missing

10:26 hrs: Emergency response team mobilized as per Incident commander's instruction.

10:32 hrs: The affected area was barricaded using caution tape.

10:36 hrs: Final Head count of all assembly points was done & informed to incident commander that nobody was found missing

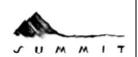
10:38 hrs: Emergency withdrawn by PA system & walkie-talkie

Incident Area Jetty Over Bridge. 24 -Aug-2017 10:15 am **Date and Time**

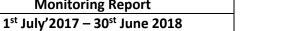
| | Nun | ber of peop | le counted in | the assembly | y points | | |
|-----------------------|------------------------------|----------------------|----------------------|----------------------|----------------------|-------|--------------------------------|
| | Total People inside Plant | Assembly Point -1 | Assembly Point -2 | Assembly Point –3 | Assembly Point -4 | Total | Number of Person Missing |
| Plant Person | 07 | 02 | 03 | 00 | 02 | 07 | 00 |
| EPC Contractor | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| Security | 14 | 00 | 09 | 02 | 03 | 14 | 00 |
| Driver | 02 | 00 | 00 | 02 | 00 | 02 | 00 |
| Sub contractor/BPC | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| Total | 23 | 02 | 12 | 08 | 08 | 23 | 00 |
| First Man Rep | orting Time | 10:17:00 hrs | 11:18:11 hrs | 11: 18:25 hrs | 11:18:30h rs | | |
| Last Man Repo | orting Time | 10:17:05 hrs | 11:20:12 hrs | 11:19:30 hrs | 11:19:33 hrs | | |

Point person of Assembly Point-3: Mr. Bissojit Assembly Point-1: Md. Nadir (CRE) **Assembly Points** Assembly Point -4 Mr. Nur Assembly Point 2 - Mr. Kamrul

Search & Rescue Team Member's Name Emergency Response Team Member's Name



Annual Public Environmental & Social Monitoring Report







Date: 24.08.2017

| Name | Dept | Name | Dept |
|------|------|--------------|-----------|
| | | Mr. Bissojit | OPERATION |
| | | Mr. Nayon | OPERATION |
| | | Mr. Kamrul | OPERATION |
| | | Mr. Nur | |

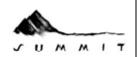
Description of Emergency Response Team Activities

Emergency Response Coordinator Name

All plant personnel's were gathered at designated assembly point after hearing the emergency declaration. In the assembly point head count was done and confirmed that no person missing. Emergency response team immediately reached with appropriate PPE to the affected area as per the incident commander's instruction. They barricaded the affected area using yellow caution tape. Finally again head count carried out and found no body was missing. The mock drill was carried out for about 23 minutes. Preparation was taken for calling Ambulance, Fire brigade but after final Head count, all are found safe. So no external support required calling.

| End Time | 10:38 hrs | | |
|-------------|-----------------------------------|--------------------|--|
| Observation | | | |
| • | Communication: | mergency situat | tion was declared via PA system & walkie-talkie and |
| | Communication w | as effective and | responsive during the drill. |
| • | Medical and Hand during drill. | lling of injured p | erson: All personnel's were found safe. No injury occurred |
| | Utility Failure: No | Failure Occurred | i. |
| | Finally, a meeting | was held after c | ompletion of the drill about the observation of the drill. |
| • | Area of Improvem | ent: Head count | t time should be less. |
| Group# | С | SCE Name | Md. Shaiful |

Mr. Nadir.



Summit Meghnaghat Power Company Limited Annual Public Environmental & Social

Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018



Date: 24.08.2017







Summit Meghnaghat Power Company Limited Appual Public Environmental & Social

Annual Public Environmental & Social Monitoring Report

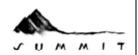


1st July'2017 – 30st June 2018

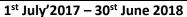








Annual Public Environmental & Social **Monitoring Report**









Document No: SMPCL-EHS-F-003

Revision No.: 00

Page 1 of 4

Effective Date: 10 Jan 16

TITLE: MOCK DRILL REPORT

Date: 26.10.2017

Chlorine leakage & Medical emergency

Description of Emergency Scenario

14:30 hrs: Mr. Khairul (BOPE) of KPS informed to control room that chlorine gas cylinder leaked during handling from vehicle in the chlorine storage room. Incident commander get details information about the incident.

14:32 hrs: As per section no. 2.4.2.1 of SMPCL-EHS-004 procedure, Emergency siren was activated & Emergency situation was declared by Incident commander and announced by emergency coordinator via PA system & walkie-talkie.

As per section 7.1.5 of SMPCL-EHS-004 procedure It was assumed that the condition of the emergency was level III due to major release of chlorine gas during handling in the chlorination room. During the emergency the wind direction was north to west and the areas located in the downwind direction was more vulnerable. As per section 7.2.2 of SMPCL-EHS-004 Safety & community liaison officer communicated with the villagers and nearby plants authority on the emergency situation located in the north -west zone.

Community liaison officer communicated to nearby plant and villages to inform the emergency situation and instructed to stay safe area. He promptly communicated via phone with community representative (e.g school head master, Village mousge muajjen, UP Member) and informed that there was a chlorine leakage happened in SMPCL and the wind direction is north to west, Community liaison officer went to the nearby village promptly and informed them don't get panicked. He continuously communicated with plant control room and informed them the updated information about the situation.

14:37: As per section 2.2.5 of SMPCL-EHS-004 procedure, During the situation wind direction was North to west. Plant personnel's were observed the wind direction seeing wind sock and then moved quickly to the safe area (assembly point-3 & 4). Head count was done by assembly point coordinator and informed to emergency coordinator.

14:40 As per section no. 2.4.3 of SMPCL-EHS-004 procedure, Emergency coordinator checked the number of person with the last updated entry and exit record & found no person was missing

14:41 hrs: Emergency response team mobilized as per Incident commander's instruction.

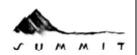
14:43 hrs: Emergency response team (one entrant and one standby persons) reached at the affected area

15:00 hrs: Both of them came out from affected area after rectifying the leakage and

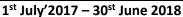
Informed that leakage stopped, neutralization system in service, chlorine concentration becoming less.

15:10 hrs: Final Head count was done.

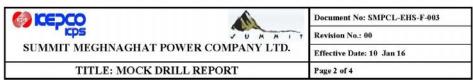
| Incident Area | Chlorine Storag | e Area. | |
|---------------|-----------------|------------------------------------|--|
| Date and Time | 26 -Oct-2017 | 14:30 hrs | |
| | Number of peo | ple counted in the assembly points | |



Annual Public Environmental & Social Monitoring Report







Date: 26.10.2017

| | | | | Det | | 10.201 |
|------------------------------|-----------------------------|----------------------|----------------------|----------------------|--------------|--------------------------------|
| Total People inside Plant | Assembly Point –1 | Assembly Point -2 | Assembly Point –3 | Assembly Point –4 | Total | Number of Person Missing |
| 45 | 05 | 00 | 39 | 01 | 45 | 00 |
| 10 | 00 | 00 | 10 | 00 | 10 | 00 |
| 10 | 00 | 00 | 07 | 03 | 10 | 00 |
| 04 | 00 | 00 | 04 | 00 | 04 | 00 |
| 09 | 00 | 00 | 01 | 08 | 09 | 00 |
| 78 | 05 | 00 | 61 | 12 | 78 | 00 |
| porting Time | 14:32:00 hrs | 00:00:00 hrs | 14: 34:01 hrs | 14:35:00 hrs | | |
| Last Man Reporting Time | | 00:00:00 hrs | 14:48:03 hrs | 14:50:05 hrs | | |
| | 10 10 04 09 78 porting Time | Inside Plant | Inside Plant | 10 | Total People | Inside Plant |

Assembly Points

Assembly Point-1: Mr.Mahmudul

Assembly Point-3: Mr.Salim

Assembly Point-2 - No person gathered

Assembly Point -4 Mr. Khairul

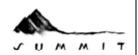
| Search & Rescue Team Me | mber's Name | Emergency Response Team Member's Name | | |
|-------------------------|-------------|---------------------------------------|-----------|--|
| Name | Dept | Name | Dept | |
| | | Mr. Khairul | OPERATION | |
| | | Mr. Ejaz Ambia. | OPERATION | |

Description of Emergency Response Team Activities

During the emergency situation wind direction was north to west. All the plant personnel were gathered in safe area assembly point-3 & 4 after seeing the wind sock direction. Our community liaison officer immediately informed to nearby plant and villagers to move safe area and rush to the nearby villages. After head count the emergency response team immediately put on SCBA and rush to the affected area as per incident command instruction. They ensured the situation was under control. Plant authority informed earlier to Fire service and civil defense about the mock drill. Finally again head count was done and found no person was missing. Total 40 minutes were consumed to complete the drill.

A chlorine cylinder contains max 750 kg chlorine. After rectifying the leakage, the cylinder was measured and found that 500 kg chlorine was in the cylinder. 250 kg chlorine was released it is goes condition with Level III and require evacuating nearby plant & villagers mentioned in the Emergency response plan. After confirming the amount of release it was suspected that nearly village and plants will involved with risk due to the occurrence. Then Emergency withdrawn by PA system after confirming everything was normal and at the same time EHS personnel informed to the nearby villages and plans that, the emergency withdrawn and everything was normal.

| End Time | 15:10 hrs |
|--------------|-----------|
| Observation: | • |



Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018



Date: 26.10.2017

- Communication: Emergency situation was declared via PA system & walkie-talkie.
- Medical and Handling of injured person: All employees were found safe. No injury occurred during drill.
- Finally, a meeting was held after completion of the drill about the observations.
- Areas of Improvement:

| Group# | D | SCE Name | Mr. Shabuddin Biswas | |
|----------------|--------------|-----------|----------------------|--|
| Emergency Resp | onse Coordin | ator Name | Mr. Mahmudul | |



Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018



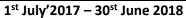
Date: 26.10.2017







Annual Public Environmental & Social Monitoring Report









Document No: SMPCL-EHS-F-003

Revision No.: 00

Page 1 of 3

Effective Date: 10 Jan 16

TITLE: MOCK DRILL REPORT

Date: 31.12.2017

Bomb Threat Emergency Drill

Description of Emergency Scenario

23:10 hrs : Bomb threat was received by control room phone that there is a bomb kept in the switchyard control room. (Mr. Delawar CRE received the phone).

23:11 hrs: After receiving details of threat, immediately informed to Plant Manager as per section no 8.1 of SMPCL-EHS-004 procedure

23:13 hrs : Local police station & BPDP numbers were checked and preparation was taken for calling to them . If required.

23: 14 hrs: As per section no. 2.4.2.1of SMPC -EHS-004 Procedure Emergency siren was activated & Emergency situation was declared by Incident commander and announced by emergency coordinator via PA system and walkie-talkie

23:23 hrs: As per section 8.5 of SMPCL-EHS-004 procedure, All KPS employees, drivers, contractor's labors, kitchen staffs, office staffs were gathered at assembly point number 2 only. Head count was done by assembly point coordinator and informed to emergency coordinator.

(N.B: As per section 8.5, All personnel were stayed at assembly point 2 (Main security gate) for 75 minutes after the announced bomb detention time.)

23:25 hrs: As per section no. 2.4.3 of SMPCL-EHS-004 procedure, Emergency response coordinator checked the number of person with the last updated entry and exit record & found no person were

23:28 hrs : As per section 8.1 of SMPCL-EHS-004 procedure & Incident commander instruction two person from operation dept checked any package that is not normally found in the area, door are normally locked but now open or unlocked from outside the control room.

23:36 hrs: Confirmed that no unusual device, package or anything in the area.

Waste water treatment Control Room

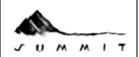
23:40 hrs: Final Head count was done & informed to incident commander.

23:43 hrs: Emergency withdrawn by PA system & walkie-talkie

Incident Area

First Man Reporting Time

| Date and T | ime 31 - | Dec-2017 | 23:10 hrs | | | | |
|-----------------------|------------------------------|----------------------|----------------------|----------------------|----------------------|-------|--------------------------------|
| | Nu | mber of peop | le counted in | the assembly | y points | - | |
| | Total People inside Plant | Assembly Point -1 | Assembly Point -2 | Assembly Point -3 | Assembly Point -4 | Total | Number of Person Missing |
| Plant Person | 05 | 01 | 04 | 00 | 00 | 05 | 00 |
| Subcontractor/ BPC | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| Security | 14 | 00 | 14 | 00 | 00 | 14 | 00 |
| Driver | 02 | 00 | 02 | 00 | 00 | 02 | 00 |
| EPC Contractor | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| Total | 21 | 01 | 20 | 00 | 00 | 21 | 00 |
| F 136 - D | | 23:14:00 | 23:21:22 | | | | |



Annual Public Environmental & Social Monitoring Report



1st July'2017 - 30st June 2018



Date: 31.12.2017

OPERATION

| Last Man Repo | rting Time | 23:14:11 hrs | 11:22:33 hrs | | |
|------------------------------------|------------|-------------------|-----------------|----------------------|----------------------|
| Point person of Assembly Points | Assembly P | oint-1: (Mr. Dela | war Hossain) | Assembly point-3: No | personnel gathered |
| Assembly Folias | Assembly P | oint-2 – (Mr. Mu | isfique) | Assembly Point -4 N | o personnel gathered |
| Search & Resc | ue Team M | ember's Nam | e Ei | nergency Response Te | am Member's Name |
| Name | | | Dept No | Name | |
| | | (| M | r. Khairul | OPERATION |

Mr. Momin

Description of Emergency Response Team Activities

A bomb threat was received that there is a bomb kept in the switchyard control room through phone. Immediately the details of the threat were informed to plant manager. Emergency was declared through PA and walky-talky. All plant and contractor employees gathered in the main gate assembly point. Two operation persons were checked switchyard control room as per Incident Commander Instruction. They confirmed that there is no unusual thing in that area. They also check others buildings from outside. After confirming from the Incident commander Plant Manager informed to withdraw the emergency. All plant employees and contractor were stayed at assembly point for 75 minutes after the announced bomb detention time. The drill was consumed 43 minutes to complete the drill.

End Time 23:45 hrs

Observation:

- Communication: Emergency situation was declared via PA system & walkie-talkie.
- Medical and Handling of injured person: All employees were found safe. No injury occurred during drill.
- Finally, a meeting was held after completion of the drill about the observations.
- · Areas of Improvement:
 - 1) Dormitory personnel should be counted during this drill.

| Group# | С | SCE Name | Mr. Musfique |
|---------------|---------------|-----------|---------------------|
| Emergency Res | ponse Coordin | ator Name | Mr. Delawar Hossain |



Summit Meghnaghat Power Company Limited Appual Public Environmental & Social

Annual Public Environmental & Social Monitoring Report

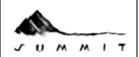


1st July'2017 – 30st June 2018

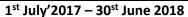


Date: 31.12.2017





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Document No: SMPCL-EHS-F-003

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Page 1 of 4

TITLE: MOCK DRILL REPORT

17 - Dec-2017

Joint fire mock drill

Description of Emergency Scenario

12:20 hrs: Mr.Rafi (Operation) of KPS informed to control room through Walki talki, there is a Fire near GBC area.

12:22 hrs: After verifying the situation, as per section no. 2.4.2.1 of SMPCL-EHS-004 procedure. Emergency siren was activated & Emergency situation was declared by Incident commander and announced by emergency coordinator via PA system & walkie-talkie.

12:23 hrs: Emergency response coordinator was asked for external help by Incident commander from Bangladesh fire service & civil defense. (Note: Fire service & civil defense team took more than 30 minutes to reach SMPCL site.

12:29 hrs: As per section 2.2.5 of SMPCL-EHS-004 procedure, All KPS employees, drivers, contractors labors, kitchen staffs, office staffs were gathered at designated assembly point. Head count was done by assembly point coordinator and informed to emergency coordinator.

12:31 hrs: As per section no. 2.4.3 of SMPCL-EHS-004 procedure, Emergency response coordinator checked the number of person with the last updated entry and exit record & found one person was missing

12:35 hrs: As per the incident commander instruction SMPCL Emergency Response & rescue team rushed affected area & started fire fighting with the help of hydrant water. Fire service & civil defense team also rushed to the affected spot & connected fire hose with water source.

12:39 hrs: Rescue team jointly rescued injured persons from the affected area.

12:45 hrs: Emergency response team jointly extinguished fire.

12:46 hrs: First aid was provided to injured persons and sent to nearest hospital.

12:48 hrs: Final Head count of all assembly points was done & informed to incident commander that nobody was found missing.

12:50 hrs: Emergency withdrawn by PA system & walkie-talkie after confirming everything was normal.

| Incident Are | a Near | GBC Area | | | | | | |
|------------------------|------------------------------|----------------------|----------------------|----------------------|----------------------|-------|--------------------------------|--|
| Date and Tim | ie 17- D | ec-2017 | 12:20 hi | 12:20 hrs | | | | |
| | Nun | iber of peop | le counted in | the assembly | y points | | | |
| | Total People inside Plant | Assembly Point -1 | Assembly Point –2 | Assembly Point –3 | Assembly Point -4 | Total | Number of Person Missing | |
| Plant Person | 51 (KPS employee) | 02 | 20 | 28 | 01 | 51 | 01 | |
| Sub Contractor//BPC | 35 | 00 | 13 | 22 | 00 | 35 | 00 | |
| Security | 13 | 00 | 3 | 07 | 03 | 13 | 00 | |
| Driver | 08 | 00 | 2 | 06 | 00 | 08 | 00 | |
| EPC contractor | 14 | 00 | 5 | 08 | 01 | 14 | 00 | |
| Total | 121 | 02 | 43 | 71 | 05 | 121 | 01 | |
| First Man Repo | orting Time | 12:22:00 hrs | 12:23:22 hrs | 11: 23:30 hrs | 11:24:00 hrs | | | |



Annual Public Environmental & Social Monitoring Report



1st July'2017 - 30st June 2018



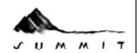
| Last Man Repo | rting Time | 12:23:00 hrs | 11:28:33 hrs | 11:28:30 hrs | 11:29:0 hrs | |
|------------------------------------|-------------|-------------------|-----------------|-----------------|------------------------|-----|
| Point person of Assembly Points | Assembly Po | oint-1 (Mr. | Nadir) | Assembly | Point-3: (Mr.Moktar |) |
| | Assembly Po | oint- 2 (Mr. Rafi | i) | Assembly | v Point-4: (Mr. Rafiqu | ie) |

| Search & Rescue Team Member's Name | | Emergency Response Team Member's Name | | | |
|------------------------------------|------|---------------------------------------|------|--|--|
| Name | Dept | Name | Dept | | |
| Mr. Shamim. | MMD | Mr. Rafi | OPE | | |
| Mr. Mokles | MMD | Mr. Jahir | OPE | | |
| Mr. Ismail | I&C | Mr. Nizam | MMD | | |
| 3 persons of Fire service team | | Mr. Sujon | MMD | | |
| - 35 | | Mr. Sowkot | EMD | | |
| | | Mr. Ismail | EMD | | |
| | | Mr. Pasa | I&C | | |
| | | 4 persons of fire service team | | | |

Description of joint Emergency Response Team Activities

Fire was initiated in a drum with combustible material as per plan, after receiving fire incident information, incident commander declared emergency situation. In the assembly point all KPS staff, security, derivers & contractors labors reached immediately after getting the emergency declaration & head count was made and found 2 persons were missing. Incident commander asked for external help, Bangladesh Fire service & civil defense team rushed to the affected area, by this time plant emergency response team rushed to the affected spot as per the incident commander's instruction. Local Fire service & SMPCL response team jointly fight with fire and rescued missing personnel from the affected area. After ensuring first aid victim person was moved to plant first aid room. It was informed to the incident commander that the situation was under control after successfully completion of extinguishing fire and rescue. Finally again head count carried out and found okay. The mock drill was carried out for about 30 minutes. Finally, a meeting was held jointly after completion of the drill about the observation of the drill.

| End Time | 12:50 pm |
|--------------|----------|
| Observation: | Sale: |



Annual Public Environmental & Social Monitoring Report





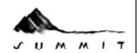


17 -Dec-2017

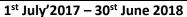
- Communication: Emergency situation was declared via PA system & walkie-talkie.
- Medical and Handling of injured person: For drill purpose it was assume that, one person was injured
 in the affected area. After rescue immediately those persons were moved to safe area and first aid was
 given. Ambulance was called and moved them to nearest hospital.
- Utility Failure: No Failure Occurred.
- Utility Failure: No Failure Occurred.
- Finally, a joint meeting was held after completion of the drill about the observation of the drill.
- Areas of Improvement: (1) Rescue team and Response team should be sent separately in the affected area.

| Group# | С | SCE Name | Mr. Saiful Islam | |
|----------------|---------------|-----------|----------------------------|--|
| Emergency Resp | oonse Coordin | ator Name | KPS Personnels : Mr. Nadir | |





Annual Public Environmental & Social Monitoring Report





SUMMIT MEGHNAGHAT POWER COMPANY LTD.

Document No: SMPCL-EHS-F-003

Revision No.: 00

Effective Date: 10 Jan 16

Page 1 of 3

Date: 27.02.2018

TITLE: MOCK DRILL REPORT

Fire mock drill

Description of Emergency Scenario

14:10 hrs: Mr. Rafi (PBE) of KPS informed to control room that there was fire generated near the HRSG-1

##RSG-1.

14:11 hrs: As per section no. 2.4.2.1 of SMPCL-EHS-004 procedure. Emergency siren was activated & Emergency situation was declared by Incident commander and announced by emergency coordinator via PA system & walkie-talkie.

14:16 hrs: As per section 2.2.5 of SMPCL-EHS-004 procedure, after reporting all employees at designated assembly point head count was done by assembly point coordinator and informed to

emergency coordinator.

14:19 hrs: As per section no. 2.4.3 of SMPCL-EHS-004 procedure, Emergency coordinator checked the number of person with the last updated entry and exit record & found no person was missing

14:21: hrs: As per section no. 2.2.7 of SMPCL-EHS-004 procedure, Emergency response team rush to the affected area as per Incident commander's instruction

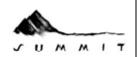
14:25 hrs: According to section 3.3 of SMPCL-EHS-004 procedure, Emergency response team

extinguished fire by using hydrant water from the nearest point.

14:27 hrs: Final Head count of all assembly points was done & informed to incident commander that

no person was found missing. 14:28 hrs: Emergency withdrawn by PA system & walkie-talkie after confirming everything was normal.

| Incident A | rea | Near | HRSG-1 | | | | | | | | |
|------------------------------------|---|--------|----------------------|----------------------|-------------------|------------------------------|--------|--------------------------------|--|--|--|
| Date and Ti | ime | 27 -F | eb-2018 | 14:10 hr | 5 | | | | | | |
| | Number of people counted in the assembly points | | | | | | | | | | |
| | Total Peop inside Plan | | Assembly Point -1 | Assembly Point -2 | Assemi Point - | | Total | Number of Person Missing | | | |
| Plant Person | 57 | | 02 | 22 | 23 | 10 | 57 | 00 | | | |
| EPC | 00 | | 00 | 00 | 00 | 00 | 00 | 00 | | | |
| Security | 14 | | 00 | 01 | 09 | 04 | 14 | 00 | | | |
| Driver | 07 | | 00 | 00 | 07 | 00 | 07 | 00 | | | |
| Subcontractor labor | 16 | | 00 | 06 | 06 | 04 | 16 | 00 | | | |
| Total | 94 | | 02 | 29 | 45 | 18 | 94 | 00 | | | |
| First Man Rep | porting Tir | ne | 14: 11 hrs | 14:12:40 hrs | 14: 12 hrs | | | | | | |
| Last Man Rep | porting Tir | ne | 14:12:15 hrs | 14:14:20 hrs | hrs | 14:15:11 14:16:00 hrs hrs | | | | | |
| Point person of Assembly Points | Assem | bly Po | int-1: Mr. Nad | ir . | Ass | embly Point-3: Mr. | Moktar | | | | |



Annual Public Environmental & Social Monitoring Report



1st July'2017 - 30st June 2018



observation of the drill. End Time 14:28 hrs

Observation:

- Communication: Emergency situation was declared via PA system & walkie-talkie.
- Medical and Handling of injured person: All employees were found safe. No injury occurred during drill.
- Finally, a meeting was held after completion of the drill about the observation of the drill.
- Areas of Improvement:

Assembly point reporting time should be less to take prompt action

| Group # | С | SCE Name | Mr. Saiful Islam |
|----------------|-----------------|----------|------------------|
| Emergency Resp | onse Coordinate | or Name | Mr. Nadir |



Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018

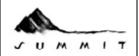


Date: 27.02.2018

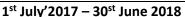








Annual Public Environmental & Social Monitoring Report







SUMMIT MEGHNAGHAT POWER COMPANY LTD.

Document No: SMPCL-EHS-F-003 Revision No.: 00

TITLE: MOCK DRILL REPORT

Effective Date: 10 Jan 16 Page 1 of 3

Date: 30.06.2018

Hazardous Material Release Emergency

Description of Emergency Scenario

02:00 hrs: BoP engineer informed that acid storage tank#3 delivery line valve joint gasket damaged and acid spilled the acid tank area

02:02 hrs: As per section no. 2.4.2.1 of SMPCL-EHS-004 procedure. Emergency siren was activated & Emergency situation was declared by Incident commander and announced by emergency coordinator via PA system & walkie-talkie.

02:05: As per section 2.2.5 of SMPCL-EHS-004 procedure, after reporting all employees at designated assembly point head count was done by assembly point coordinator and informed to emergency coordinator.

2:08 As per section no. 2.4.3 of SMPCL-EHS-004 procedure, Emergency coordinator checked the number of person with the last updated entry and exit record & found no person was missing

02:12 hrs: Emergency response team (PBE & BOPE) rushed to the affected area after wearing Chemical suits, musk, boots, chemical gloves, neutralization kit etc as per Incident commander's instruction.

02:14 hrs: Acid tank delivery line upstream valve was made close

02:16 hrs: Neutralized all spillage acid by neutral

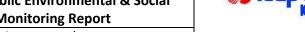
02:19 hrs: Final Head count was done.

02:20 hrs Emergency withdrawn by PA system after confirming everything was normal.

| Incident A | rea | Acid | & Caustic S | torage Tank | | | | | |
|---|------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------|--------------------------------|--|
| Date and T | ime | 30 -J | une-2018 | 02:00 an | n. | | | | |
| Number of people counted in the assembly points | | | | | | | | | |
| | Total Per inside Ph | | Assembly Point -1 | Assembly Point -2 | Assembly Point -3 | Assembly Point -4 | Total | Number of Person Missing | |
| Plant Person | 05 | | 02 | 03 | 00 | 00 | 05 | 00 | |
| EPC | 00 | | 00 | 00 | 00 | 00 | 00 | 00 | |
| Security | 14 | | 00 | 03 | 05 | 06 | 14 | 00 | |
| Driver | 00 | | 00 | 00 | 00 | 00 | 00 | 00 | |
| Subcontractor labor | 00 | | 00 | 00 | 00 | 00 | 00 | 00 | |
| Total | 19 | • | 02 | 06 | 05 | 06 | 19 | | |
| First Man Re | porting Ti | ime | 02:05:00 hrs | 02:05:00 hrs | 02: 05:17 hrs | 02:05:10 hrs | | | |
| Last Man Re | porting Ti | me | 02:05:01 hrs | 02:06:20 hrs | 02:06:03 hrs | 02:06:55 hrs | | | |
| Point person of Assembly Points | Asset | mbly Po | oint-1: Mr. Saif | ul Islam (SCE) | | Point-3: Mr. | Mizan (: | ecurity | |



Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018

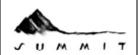


| TITI | LE: MOCK DE | : MOCK DRILL REPORT | | | Page 2 of 3 | | |
|---|------------------|--|--------------------------|----------|--|-------------|--|
| | | | | | Date: 3 | 0.06.2018 | |
| , and a | issembly Point-2 | sint-2 - Mr. Mr. Ejaj (PBE) Assembly Point -4 Mr. Nur (Field Supervisor) | | | | | |
| Search & Rescue | Team Member | 's Name | | gency l | Response Team Men | iber's Name | |
| Name | | Dept | Name | Name Dep | | | |
| | | | Mr. E | | | OPERATION | |
| | | | Mr. R | | | OPERATION | |
| B : #: 55 | | | Mr. N | | | MMD | |
| Description of Em | | | | | lve joint gasket dama | | |
| Finally again head consumed to comple End Time 0 | count was do | | | | alized all spillage aci missing. Total 20 i | | |
| Observation: | | | | | | | |
| Communication: Emergency situation was declared via PA system & walkie-talkie. Medical and Handling of injured person: All employees were found safe. No injury occurred during drill. Finally, a meeting was held after completion of the drill about the observation of the drill | | | | | | | |
| Group# | С | SCE Name | Mr. Saiful | Islam | | | |
| Emergency Resp | ouse Coordinator | Name | Mr. Nadir Shah Chowdhori | | | | |

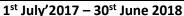
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| tps / U A A / I | Revision No.: 00 |
| SUMMIT MEGHNAGHAT POWER COMPANY LTD. | Effective Date: 10 Jan 16 |
| TITLE: MOCK DRILL REPORT | Page 3 of 3 |

Date: 30.06.2018



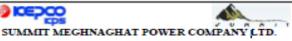


Annual Public Environmental & Social Monitoring Report









Document No: SMPCL-EHS-F-003 Revision No.: 00

Effective Date: 10 Jan 16

Emergency Response Team Member's Name

Page 1 of 3

TITLE: MOCK DRILL REPORT

Date: 25.06.2018

Oil Spill Response Drill

Description of Emergency Scenario

02:30 hrs: Mr. Rafi (PBE) informed oil spillage starts from jetty hose connection joint leak

02:33 hrs: After checking the affected area. As per section no. 2.4.2.1 of SMPCL-EHS-004 procedure. Emergency siren was activated & Emergency situation was declared by Incident commander and announced by emergency coordinator via PA system & walkie-talkie.

02:35 hrs: As per section 2.2.5 of SMPCL-EHS-004 procedure, after reporting all employees at

designated assembly point head count was done by assembly point coordinator and informed to ergency coordinator.

02:37 hrs: As per section no. 2.4.3 of SMPCL-EHS-004 procedure, Emergency coordinator checked the number of person with the last updated entry and exit record & found no person was missing.

02:39 hrs: Emergency response team with security personnel mobilized as per Incident commander's

02:43 hrs: Spillage control done by a) Closing v/v b) Spillage oil collected in buckets and after it was dumped into the LDO Oil drain sump. c) Used oil dispersant to neutralize.

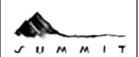
02:45 hrs: Final Head count was done.

Search & Rescue Team Member's Name

02:46 hrs Emergency withdrawn by PA system after confirming everything was normal

03:00 hrs After the drill complete the oil boom condition has been checked by EHS committee

| memoers | | | | | | | | |
|---|------------------------|--|----------------------|----------------------|----------------------|--|-------|--------------------------------|
| Incident A | rea | Jetty | | | | | | |
| Date and T | ime | 25 -J | une-2018 | 02:30 am | 1 | | | |
| Number of people counted in the assembly points | | | | | | | | |
| | Total Per inside Ph | | Assembly Point -1 | Assembly Point -2 | Assembly Point -3 | Assembly Point -4 | Total | Number of Person Missing |
| Plant Person | 05 | | 02 | 00 | 02 | 01 | 05 | 00 |
| EPC | 00 | | 00 | 00 | 00 | 00 | 00 | 00 |
| Security | 14 | | 00 | 02 | 04 | 08 | 14 | 00 |
| Driver | 00 | | 00 | 00 | 00 | 00 | 00 | 00 |
| Subcontractor/S ervice provider | 00 | | 00 | 00 | 00 | 00 | 00 | 00 |
| Total | 19 |) | 02 | 02 | 06 | 0.9 | 19 | 00 |
| First Man Reporting Time | | ime | 02:30:00 hrs | 02:33:05 hrs | 02: 33:30 hrs | 02:33:43 hrs | | |
| Last Man Reporting Time | | 02:30:02 hrs | 02:34:12 hrs | 02:34:00 hrs | 02:34:33 hrs | | | |
| Point person of Assembly Points | Asset | Assembly Point-1: Md. Saiful Islam (SCE) | | | | Assembly Point-3: Mr. Security Supervisor (Mr Forhat) | | |
| | Asser | Assembly Point-2 - Mr. Did not Gather | | | Assembl | y Point → 4 Mr. Nu | ır | |



Annual Public Environmental & Social Monitoring Report



1st July'2017 - 30st June 2018



Date: 25.06.2018

| Name | Dept | Name | Dept |
|------|------|----------|-----------|
| | | Mr.Rafi | OPERATION |
| | | Mr. Ejaj | OPERATION |
| | | Mr.Nur | OPERATION |

Description of Emergency Response Team Activities

Oil spillage happened from jetty area hose connection joint leak, instantly informed by field personnel to CCR through walky-talky. CCR informed to all area about the incident. Affected area was checked by operation people along with security personnel & action taken as per incident commander instruction. As fuel unloading was going on instantly pump was stopped, suction & discharge v/v closed. With help of emergency response team oil dispersant was poured to neutralize the spilled oil. During the incident no harm happened to any people, after everything normalized informed to all area through CCR PA. The condition of oil boom was checked by operation team after the drill finish. The boom condition found satisfactory. Then fuel unloading activities were started again. Total 30 minutes taken to complete the drill.

End Time 03:00 hrs

Observation:

- Communication: Emergency situation was declared via PA system & walkie-talkie.
- Medical and Handling of injured person: All employees were found safe. No injury occurred during drill.
- · Finally, a meeting was held after completion of the drill about the observation of the drill.

| Group # | С | SCE Name | Md. Saiful Islam |
|----------------|-----------------|----------|--------------------|
| Emergency Resp | onse Coordinate | or Name | Mr. Md. Nadir Shah |



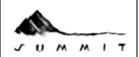
Summit Meghnaghat Power Company Limited Annual Public Environmental & Social Monitoring Report



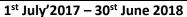
1st July'2017 – 30st June 2018





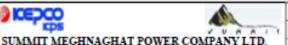


Annual Public Environmental & Social Monitoring Report









Document No: SMPCL-EHS-F-003

Revision No.: 00

Effective Date: 10 Jan 16

Page 1 of 4

Date: 15.04.2018

Chlorine leakage & Medical emergency

TITLE: MOCK DRILL REPORT

Description of Emergency Scenario

15:35 hrs: Mr. Khairul (BOPE) of KPS informed to control room that chlorine gas cylinder leaked during handling from vehicle in the chlorine storage room. Incident commander get details information about the incident.

15:37 hrs: As per section no. 2.4.2.1 of SMPCL-EHS-004 procedure, Emergency siren was activated & Emergency situation was declared by Incident commander and announced by emergency coordinator via PA system & walkie-talkie.

As per section 7.1.5 of SMPCL-EHS-004 procedure It was assumed that the condition of the emergency was level III due to major release of chlorine gas during handling in the chlorination room. During the emergency the wind direction was north to west and the areas located in the downwind direction was more vulnerable. As per section 7.2.2 of SMPCL-EHS-004 Safety & community liaison officer communicated with the villagers and nearby plants authority on the emergency situation located in the north -west zone.

Community liaison officer communicated to nearby plant and villages to inform the emergency situation and instructed to stay safe area. He promptly communicated via phone with community representative (e.g school head master, Village mousqe muajjen, UP Member) and informed that there was a chlorine leakage happened in SMPCL and the wind direction is north to west, Community liaison officer went to the nearby village promptly and informed them don't get panicked. He continuously communicated with plant control room and informed them the updated information about

15:44: As per section 2.2.5 of SMPCL-EHS-004 procedure, During the situation wind direction was North to west. Plant personnel's were observed the wind direction seeing wind sock and then moved quickly to the safe area (assembly point-3 & 4). Head count was done by assembly point coordinator and informed to emergency coordinator.

15:47 As per section no. 2.4.3 of SMPCL-EHS-004 procedure, Emergency coordinator checked the number of person with the last updated entry and exit record & found no person was missing

15:48 hrs: Emergency response team mobilized as per Incident commander's instruction.

15:50 hrs: Emergency response team (one entrant and one standby persons) reached at the affected area

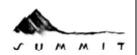
16:07 hrs: Both of them came out from affected area after rectifying the leakage and

Informed that leakage stopped, neutralization system in service, chlorine concentration becoming less.

16:17 hrs: Final Head count was done.

| Incident Area | Chlorine Storage Building. | | | | | |
|---------------|---|--|--|--|--|--|
| Date and Time | 215-April-2017 15:35 hrs | | | | | |
| | Number of people counted in the assembly points | | | | | |

Page | 136



Annual Public Environmental & Social Monitoring Report



1st July'2017 - 30st June 2018



Date: 15.04.2019

| | | Date: 15.04.2018 | | | | | |
|------------------------------------|------------------------------|----------------------|----------------------|------------------------------------|----------------------|-------|--------------------------------|
| | Total People inside Plant | Assembly Point -1 | Assembly Point -2 | Assembly Point -3 | Assembly Point -4 | Total | Number of Person Missing |
| Plant Person | 40 | 02 | 00 | 37 | 01 | 40 | 00 |
| EPC | 07 | 00 | 00 | 07 | 00 | 07 | 00 |
| Security | 11 | 00 | 00 | 08 | 0.3 | 11 | 00 |
| Driver | 03 | 00 | 00 | 03 | 00 | 03 | 00 |
| Subcontractor labor | 07 | 00 | 00 | 05 | 02 | 07 | 00 |
| Total | 68 | 02 | 00 | 60 | 06 | 68 | 00 |
| First Man Re | porting Time | 15:37:10 hrs | 00:00:00 hrs | 15: 38:01 hrs | 15:38:05h rs | | |
| Last Man Reporting Time | | 15:37:11 hrs | 00:00:00 hrs | 14:41:00 hrs | 00:40:30 hrs | | |
| Point person of Assembly Points | Assembly P | oint-1: Mr.Delv | Assembly | Assembly Point-3: Mr Nowroze Ahmed | | | |
| | Assembly P | oint-2 - No per | on gathered | Assembly | Point -4 Mr. Me | emin | |

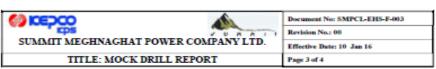
| Search & Rescue Team Member's 1 | Name | Emergency Response Team Member's Name | | |
|---------------------------------|------|---------------------------------------|-----------|--|
| Name | Dept | Name | Dept | |
| | | Mr. Khairul | OPERATION | |
| | | Mr. Momin | OPERATION | |
| | | Mr. Zahir | MMD | |
| | | Mr. Ismail | EMD | |
| | | Mr. Salim | MMD | |

Description of Emergency Response Team Activities

After raising emergency siren all the plant personnel were gathered in safe area assembly point-3 & 4 after seeing the wind sock direction. During the emergency situation wind direction was north to west. Our community liaison officer immediately informed to nearby plant and villagers to move safe area and rush to the nearby villages. After head count the emergency response team immediately put on SCBA and rush to the affected area as per incident command instruction. They ensured the situation was under control. Plant authority informed earlier to Fire service and civil defense about the mock drill. Finally again head count was done and found no person was missing. Total 42 minutes were consumed to complete the drill.

A chlorine cylinder contains max 750 kg chlorine. After rectifying the leakage, the cylinder was measured and found that 675 kg chlorine was in the cylinder. 85 kg chlorine was released it is goes condition with Level III and require evacuating nearby plant & villagers mentioned in the Emergency response plan. After confirming the amount of release it was suspected that nearly village and plants will involved with risk due to the occurrence. Then Emergency withdrawn by PA system after confirming everything was normal and at the same time EHS personnel informed to the nearby villages and plans that, the emergency withdrawn and everything was normal.

End Time 16:17 hrs



Date: 15.04.2018 Observation:

Communication: Emergency situation was declared via PA system & walkie-talkie.

- Medical and Handling of injured person: All employees were found safe. No injury occurred during drill.
- Finally, a meeting was held after completion of the drill about the observations.
- Areas of Improvement:

| Group# | В | SCE Name | Mr. Musfiquir Rahman |
|----------------|-------------------------------------|----------|----------------------|
| Emergency Resp | Emergency Response Coordinator Name | | Mr. Delwar Hossain. |



Summit Meghnaghat Power Company Limited Annual Public Environmental & Social

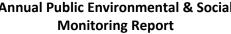








Summit Meghnaghat Power Company Limited Annual Public Environmental & Social





1st July'2017 – 30st June 2018

9.11 Annexure-11 GRC Report

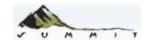


Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018





Document No: SMPCL-EHS-F-029

Revision No.: 00

Effective Date: 10 Jan 16

Page 1 of 1

SUMMIT MEGHNAGHAT POWER COMPANY LTD.
TITLE: GRC MEETING MINUTES

Date: 27.12.2017

Time: 3:00 pm to 4:30 pm

Venue: Conference Room

Attendance: Jung yee ryang, Mr. Young joong , Kim Do Hyung, Chang sum jang, Mr. cheol young choi, Mr. Mizanur Rahman, Mr. Mr. Nowroze Ahmed, Mr. Moktar

Absence:

| Sl No. | Communication Media | Discussion | Remarks |
|--------|--------------------------|------------------------------------|--------------------------|
| 01 | Grievance Box | Grievance box has been checked. No | |
| | | grievance raised. | From July'17 to Dec'17 |
| 02 | Grievance Register Books | All grievance register books have | No grievance has raised. |
| | | been checked. No grievance | |
| | | registered. | |
| 03 | Cell phone & Email | No grievance raised | |
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Annual Public Environmental & Social Monitoring Report

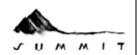


1st July'2017 – 30st June 2018

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| SUMMIT MEGHNAGHAT POWER COMPANY LTD. | Revision No.: 00 |
| | Effective Date: 10 Jan 16 |
| TITLE: TRAINING ATTENDANCE RECORD | Page 1 of I |

TRAINING ATTENDANCE RECORD

| S/IN | Name of Attendees | Designation | Signature |
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Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018





Document No: SMPCL-EHS-F-029 Revision No.: 00

Effective Date: 10 Jan 16

Page 1 of 1

SUMMIT MEGHNAGHAT POWER COMPANY LTD.
TITLE: GRC MEETING MINUTES

Date: 28/06/2018

Time: 2:20 pm to 3:30 pm

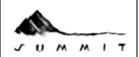
Venue: Conference Room

Attendance:

| Mr. Hong Ki Bok-Plant Manager | Mr. Tony-GM E&I | Mr. Choi_GM Mechanical | Mr. Dohyung-GM A&P |
|-------------------------------|--|---|--------------------------------|
| Mr. Moniruzzaman-Manager I&C | Mr.Shohel-Deputy Manager Procrument | Mr.Moktar-Safety & Community liaso Officer | Mr. Bari;Engr. Mechanical |
| Mr. Rezaul-Asst. HR Manager | Mr.Nowroze_Asst. EHS Manager | Mr. Saiful-Manager A&P | Mr. Ahmed-Jr. Engr. Electrical |
| Mr. Raihan-Senior Chemist | | | |

Absence:

| SI No. | Topic Name | Discussion | Remark | |
|--------|---|--|-----------------------|--|
| 1. | Status of Grievance Register Book | of Grievance Register Book No issue/grievance Registered | | |
| 2. | Status of grievance Box No issue/grievance Registered | | January'18 to June'18 | |
| 3. | Other communication media (Email, Cell Phone) | No issue/grievance Registered | | |



Annual Public Environmental & Social Monitoring Report 1st July'2017 – 30st June 2018



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| TITLE: ATTENDANCE SHEE | | r | Page 1 of 1 | | | |
| | ATTENDANCE SHEET for Grievan ee Mar. Date: 25/06/ | | | | | |
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Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018





Document No: SMPCL-EHS-F-029

Revision No.: 00

Effective Date: 10 Jan 16

Page 1 of 1

SUMMIT MEGHNAGHAT POWER COMPANY LTD.

TITLE: GRC MEETING MINUTES

Date: 27.12.2017

Time: 3:00 pm to 4:30 pm

Venue: Conference Room

Attendance: Jung yee ryang, Mr. Young joong , Kim Do Hyung, Chang sum jang, Mr. cheol young choi, Mr. Mizanur Rahman, Mr. Mr. Nowroze Ahmed, Mr. Moktar

Absence:

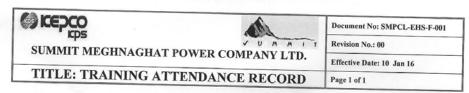
| Sl No. | Communication Media | Discussion | Remarks |
|--------|--------------------------|------------------------------------|--------------------------|
| 01 | Grievance Box | Grievance box has been checked. No | |
| | | grievance raised. | From July'17 to Dec'17 |
| 02 | Grievance Register Books | All grievance register books have | No grievance has raised. |
| | | been checked. No grievance | -0.000 |
| | | registered. | |
| 03 | Cell phone & Email | No grievance raised | |
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Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018



TRAINING ATTENDANCE RECORD

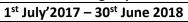
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Date: 27/12/2017

| S/N | Name of Attendees | Designation | Signature |
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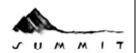


Annual Public Environmental & Social Monitoring Report





9.12 Annexure -12 Public Consultation Report



Annual Public Environmental & Social Monitoring Report







Revision No.: 00

Document No:SMPCL-EHS-F-040

Effective Date: 01 Sep 16

Page 1 of 1

TITLE: PUBLIC CONSULTATION REPORT

Consultation Date: 31st December, 2017

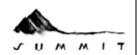
Village Name: Ashrariar Char

An open discussion and consultation was held on December 31st 2017 at Ashrariar Char. At the beginning, SMPCL Representative highlighted the need of this Consultation. A leaflet was distributed among the participants for disseminating the information about the result of different environmental parameters as well as cooling water temperature measurement. SMPCL representative described the yearly EHS parameter for the year-2017 that is shown in the leaflet. SMPCL representative also invited villagers' representative to witness the operation so that their understanding regarding this makes them clear.

SMPCL representative highlighted the grievance mechanism and importance of interaction with the community. It was informed to community representatives that all the complaints will be registered and record shall be maintained in the register book which is available at the Main Gate of the plant or can be dropped in a box placed at the main gate. The contact numbers were shared of SMPCL representatives.

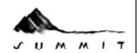
SMPCL have well prepared emergency response procedure, required equipments for engaging in response procedure and appropriate training of all personnel. If any situation arises which is uncontrollable then community Lisaon officer will inform them about their next course of action.







| | | Á | Document No: SMFC1, AXP1 n76 |
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| | EPE SUMMEMEGHNAGHAL POWER | COMPANYLID | Revision No.: 00 |
| | arir . HILE ATHENDANCES | | Effective Date: 14 Jan 16 Page 1 of 1 |
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| 70 | lakir chor village | • | Date: 31/12/17 |
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Annual Public Environmental & Social Monitoring Report



1st July'2017 - 30st June 2018



Consultation Date: December 31st 2017

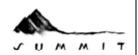
Village Name: Char Balaki

An open discussion and consultation was held on December 31st 2017 at Char Balaki Village. At the beginning, SMPCL Representative highlighted the need of this Consultation. A leaflet was distributed among the participants for disseminating the information about the result of different environmental parameters as well as cooling water temperature measurement. SMPCL representative described the yearly EHS parameter for the year-2017 that is shown in the leaflet. SMPCL representative also invited villagers' representative to witness the operation so that their understanding regarding this makes them clear.

SMPCL representative highlighted the grievance mechanism and importance of interaction with the community. It was informed to community representatives that all the complaints will be registered and record shall be maintained in the register book which is available at the Main Gate of the plant or can be dropped in a box placed at the main gate. The contact numbers were shared of SMPCL representatives.

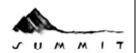
SMPCL have well prepared emergency response procedure, required equipments for engaging in response procedure and appropriate training of all personnel. If any situation arises which is uncontrollable then community Lisaon officer will inform them about their next course of action.



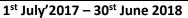




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| | ATTEND. | ANCE SHEET | |
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Annual Public Environmental & Social Monitoring Report







Consultation Date: 31st Decemer, 2017

Village Name: Dudghata & Kurbanpur

An open discussion and consultation was held on 31st December, 2017 at Dudghat & Kurbanpur Villages. At the beginning, SMPCL Representative highlighted the need of this Consultation. A leaflet was distributed among the participants for disseminating the information about the result of different environmental parameters as well as cooling water temperature measurement. SMPCL representative described the yearly EHS parameter for the year-2017 that is shown in the leaflet. SMPCL representative also invited villagers' representative to witness the operation so that their understanding regarding this makes them clear.

SMPCL representative highlighted the grievance mechanism and importance of interaction with the community. It was informed to community representatives that all the complaints will be registered and record shall be maintained in the register book which is available at the Main Gate of the plant or can be dropped in a box placed at the main gate. The contact numbers were shared of SMPCL representatives.

SMPCL have well prepared emergency response procedure, required equipments for engaging in response procedure and appropriate training of all personnel. If any situation arises which is uncontrollable then community Lisaon officer will inform them about their next course of action.

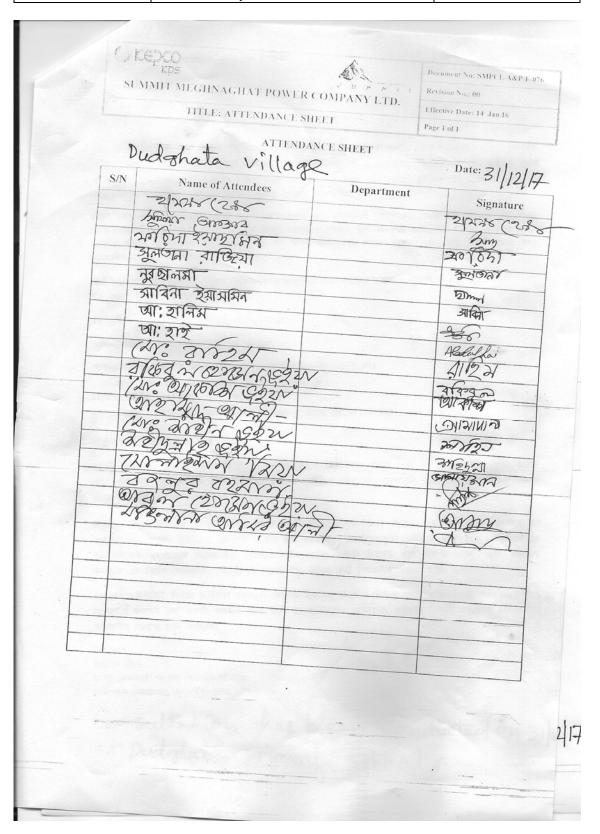


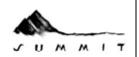


Annual Public Environmental & Social Monitoring Report



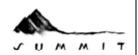
1st July'2017 - 30st June 2018



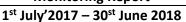




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| | Kurbanpur villa | NDANCE SHEET | n allele |
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Annual Public Environmental & Social Monitoring Report







Consultation Date: December 28th 2017

Village Name: Ganganagar

An open discussion and consultation was held on December 28th 2017 at Ganganagor Village. At the beginning, SMPCL Representative highlighted the need of this Consultation. A leaflet was distributed among the participants for disseminating the information about the result of different environmental parameters. SMPCL representative described the last 7 months EHS data and parameter that are shown in the leaflet. SMPCL representative also invited villagers' representative to witness the operation so that their understanding regarding this makes them clear.

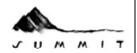
After the end of discussion, SMPCL representative highlighted the grievance mechanism and importance of interaction with the community. It was informed to community representatives that all the complaints will be registered and record shall be maintained in the register book which is available at the Main Gate of the plant or can be dropped in a box placed at the main gate. The contact numbers were shared of SMPCL representatives.



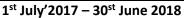




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Annual Public Environmental & Social Monitoring Report







Consultation Date: 28th December, 2017

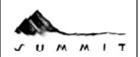
Village Name: Islampur

An open discussion and consultation was held on 28th December, 2017 at Islampur Villages. At the beginning, SMPCL Representative highlighted the need of this Consultation. A leaflet was distributed among the participants for disseminating the information about the result of different environmental parameters as well as cooling water temperature measurement. SMPCL representative described the yearly EHS parameter for the year-2017 that is shown in the leaflet. SMPCL representative also invited villagers' representative to witness the operation so that their understanding regarding this makes them clear.

SMPCL representative highlighted the grievance mechanism and importance of interaction with the community. It was informed to community representatives that all the complaints will be registered and record shall be maintained in the register book which is available at the Main Gate of the plant or can be dropped in a box placed at the main gate. The contact numbers were shared of SMPCL representatives.

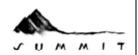
SMPCL have well prepared emergency response procedure, required equipments for engaging in response procedure and appropriate training of all personnel. If any situation arises which is uncontrollable then community Lisaon officer will inform them about their next course of action.



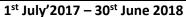




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Annual Public Environmental & Social Monitoring Report







Consultation Date: December 31st 2017

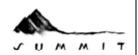
Village Name: Pachani

An open discussion and consultation was held on December 31st 2017 at Pachani Villages. At the beginning, SMPCL Representative highlighted the need of this Consultation. A leaflet was distributed among the participants for disseminating the information about the result of different environmental parameters as well as cooling water temperature measurement. SMPCL representative described the yearly EHS parameter for the year-2017 that is shown in the leaflet. SMPCL representative also invited villagers' representative to witness the operation so that their understanding regarding this makes them clear.

SMPCL representative highlighted the grievance mechanism and importance of interaction with the community. It was informed to community representatives that all the complaints will be registered and record shall be maintained in the register book which is available at the Main Gate of the plant or can be dropped in a box placed at the main gate. The contact numbers were shared of SMPCL representatives.

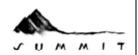
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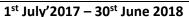




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Annual Public Environmental & Social Monitoring Report







Consultation Date: 07th June 2018

Village Name: Kurbanpur

Agenda:

- Pictorial representation of plant operational activity & grievance mechanism.
- Plant environmental parameters monitoring status
- Receive feedback from community personnel's.
- Any community related Issue (If any).

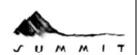
An open discussion and consultation was performed on 7th June 2018 at Kurbanpur Village. At the beginning, SMPCL Representative highlighted the need of this Consultation. A leaflet was distributed among the participants for disseminating the information about the result of different environmental parameters as well as cooling water temperature measurement. Pictorial representation of plant Process Diagram and grievance mechanism were highlighted on the leaflet. Contents were also described elaborately to all community participants for their easy understanding & answered to their queries.

During previous community consultations conducted at Kurbanpur village, participants raised multiple demands. The most prioritized demand was to develop the road from primary school to main village But during this consultation conducted on 7th June, community participants requested to construct a boundary wall for Kurbanpur primary school instead of developing the road that they had demanded earlier since the road has already been developed by the community villagers. All The participants agreed & considered the importance of making a boundary wall surrounding the primary school with suitable entry/exit gates in order to secure the school perimeter & ensuring safety for the students

Present Condition of the Road







Annual Public Environmental & Social Monitoring Report



1st July'2017 - 30st June 2018



SMPCL carried out a social quantification study conducted by an Independent consultant to assess the extent of benefit to the community by the community development work already done by the company & also determine the scope of probable development work for the rest of the villages. According to the recommendation given by the community leaders, businessmen, farmers, fishermen & other member of the community while assessing the scope of new development work at Kurbanpur village by the Independent consultant on 04.06.2017 the most prioritized development work was constructing a road from primary school to main village. According to the same assessment, constructing a boundary wall for the primary school at Kurbanpur village was in the 2nd priority.

Since the work which was in 1st priority has already been accomplished, villagers of Kurbanpur considered their demand for constructing a boundary at the primary school as the most prioritized work for now. SMPCL representative took consents from all the participants regarding the change in their demand priority & found everybody was agreed on it. Hence SMPCL will explore to do this job as per SMPCL approved procedure.





Annual Public Environmental & Social Monitoring Report



1st July'2017 – 30st June 2018



Summary of Demand during the Consultation

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1st July'2017 - 30st June 2018



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