



Environmental and Social Quarterly Monitoring Report

Project Number: 38928 (Loan 2198)
September 2013

PAKISTAN: New Bong Escape Hydropower Project Environmental and Social Issues Compliance Report (July to September 2013)

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Asian Development Bank



New Bong Escape Hydroelectric Power Project

Environmental and Social Issues Compliance Report

Quarterly Report

July 01, 2013 – Sep 30, 2013

Laraib Energy Limited

Islamabad

ENVIRONMENTAL AND SOCIAL COMPLIANCE

1. Incidents of Violations or Non-Compliance

1. The following information regarding incidents of violations or non-compliance has been recorded
 - (i) Nature of non-compliance
 - (ii) Violation or non-compliance based on environmental standards and regulations
 - (iii) Recorded dates and authorities
 - (iv) Media or community reactions (if any)
 - (v) Corrective actions, deadlines, identification of responsible parties

2. Incidents of violation and non compliance along with its corrective actions in the form of ESOHS Corrective Action Plan (ESOHS CAP) are attached as “**Exhibit-27**”. The following is the status of ESOHS CAP as of Sep 30, 2013.
 - Total number of observations 36
 - Number of Issues closed 29
 - Number of Issues In Progress 01
 - Number of Issues open 06

2. Incidents of Environmental and Safety Accidents

2.1. Environmental Accidents and Mitigation

1. No Environmental accident has been reported in this quarter.

2.2. Health and Safety Accidents and Mitigation

1. The summary of accidents encountered from July to Sep 2013, are as follows;

Safe Man Hours	First Aid (FA)	Incidents	Medical Treatment (MT)	Restricted Work Injury (RWI)	Lost Work Injury (LTI)	Near Miss	UA/UC
179034	10	00	00	00	00	00	16

2.3. Near Miss:

Five near misses are reported in this quarter.

1. During unloading under the power lines, a dumper almost came in contact with the Power line in front of the Laraib offices. It missed the touch so no loss occurred.
2. Starting pulse on Unit # 04 was initiated by Operation Staff mistakenly which was under PTW and Andritz team was working on unit # 4.They immediately shut down the unit, No loss occurred.
3. While entering the admin office at El. 261, an employee was almost struck by the door as the door was opened quite in haste by another employee who was going out.

The one entering the office managed to move his face away just in time which saved him from being hurt.

4. Dated 11-09-2013 at El.245 a contractor (Andritz) Scaffolder dismantling the scaffold platform. He threw the couplers (Right- Angle Coupler) to the ground at the height of approx. 10 ft. during this activity one of the coupler hit the scaffolding pipe and landed near the helper of scaffolder. (No injury or Property Damage) occur.
5. During HSE meeting in Laraib conference room, the chair was tilt on right side due to the weight of TNB representative but he sustains his balance and remains safe.

2.4. Incident Property damage

1. No accident occurred during this quarter.

2.5. Report of Unsafe Acts/Unsafe Conditions

Sixteen unsafe acts/ unsafe conditions (UA/UC) are reported in this quarter.

1. Covers of Unit 3 and 4 were found open without any barricading. As a corrective action barricade the entire area by work supervisor.
2. Heaps of wooden waste witnessed at headrace stop log area, as a corrective action junks of the load have been removed from site
3. Lubricant drums placed on the ground with a potential of soil contamination in Andritz ware house, as a corrective action polyethylene sheets laid under the drums.
4. Steel bars erected with sharp edges along the road side drainage as a corrective action the hazardous area has been barricaded with warning tape.
5. The Carpenter was observed to be working in the workshop with loose clothing (shalwarKamiz). Immediately called his supervisor and arrange cover for him
6. A newly hired employee of Italtec energy was working in the machine hall without safety shoes. As a corrective action Stop the working that guy arrange safety shoes for him.
7. Improper placement of chemical & tools in workshop area. As a corrective action arrange and segregate all chemicals.
8. The oil drums both (Filled & Empty) are improperly placed at El. 245 near turbine 02.as corrective action properly arrange the oil drums.
9. Ladder extension of bulb access nose and turbine access nose has no stopper or missing. Temporary stop the working and conduct training.
10. Two general helpers (newly hired) were observed working without safety shoes in machine hall, as a corrective action safety shoes was provided
11. Opening found uncovered / without barrication in electrical room near machine hall, as a corrective action ask the work supervisor and conduct a Tool box talk on safe work practices.
12. Heap of solid waste observed outside the staff residence as corrective action camp supervisor was advice to collect the garbage.
13. An excavator operator start the excavator and left the machine un-attendant and busy in loading and unloading of scrape, as a corrective action stop the work and advise to operator to do his own work.
14. Waste was observed behind the Laraib office near NBE canal, as a corrective action advice to admin officer to remove the entire waste.
15. Sambu vehicle observed over speeding in-front of office area, as a corrective action strictly advise to drive according to the driving policy.
16. Scaffolding pipes and planks was observed in passage way at Machine hall Elevation 245, as a corrective action relevant supervisor ask to remove immediately.

3. Trainings:

3.1. First Aid / CPR Training

External First Aid / CPR Training for TNBRP AJK staff is to be conducted at NBE HPP. Necessary arrangements are being made to consult a certified third party for the training.

3.2. In-House EHS Trainings:

Following EHS Trainings were conducted for employees in this quarter;

Incident Reporting and Accident Prevention

Incident Reporting and Accident prevention training session was conducted by ESOHS Officer LEL and attended by all available Maintenance and Operation staff. During the training session a UA / UC card was introduced and participants were asked to report all Unsafe Acts (UA) as well as Unsafe Conditions (UC) whenever they come across any of the two.

The format of the UA / UC card has been designed in such a way that only the unsafe act and unsafe condition will be reported. By reporting of all UA/UCs, near misses and injuries can be prevented by taking prompt remedial / control measures of all reported UA / UCs.



UA / UC Card	
UA/UC Detail:	<input type="text"/>
Location:	<input type="text"/>
Proposed Corrective Action:	<input type="text"/>
Responsibility:	<input type="text"/>
Observer Name & date:	<input type="text"/>
For HSE department:	
Status:	Open <input type="checkbox"/> Close <input type="checkbox"/>

Office Safety Training

A training session on Office Safety was conducted by the EHS TNBRP AJK and was attended by management and all available support services staff. The training was followed by a quiz after the question answer session at the end.



Job Safety Analysis (JSA)

A training session Job Safety Analysis (JSA) was conducted by EHS TNBRP AJK and attended by all available Maintenance staff. During the training session a format of JSA was introduced and was discussed with the participants in detail.



3.3. Emergency Response & Evacuation Drills

Emergency Response & Evacuation drills for following emergencies have been scheduled;

- Earthquake Emergency
- Fire Emergency
- Oil / Chemical Spills

Calendars, as shown, have been developed and different sessions shall be carried out for staff awareness as per their requirements. Calendar is attached as “**Exhibit-28**”

3.4. Toolbox Talks:

The Contractor delivered a total of 17 toolbox talks to staff. The distribution is described below.

Safety Tool Box talks are being held before every Maintenance activity. Charge men (Electrical, Mechanical and C&I) are holding these talks.

4. Safety Awareness Programs

4.1. Health & Safety Leaflet for Staff, Contractors and Visitors

Health and Safety Leaflet gives a brief description of necessary HSE Policies and Procedures being followed at NBE HPP. Health and Safety Leaflet prepared earlier was provided to the members of SMC for their input / feedback.

The leaflet is currently being used for our guests visiting the plant site and it narrates the emergency response procedure and steps to be taken during any sort of emergency like Fire etc.

4.2. Health & Safety Posters

Health & Safety on different topics like Office Safety, Attitude towards Safety, Manual Handling, Proper use of PPEs and importance of using appropriate PPEs while at work etc. have been displayed all over on the Notice boards located at different elevations of the Powerhouse building.

4.3. EHS Bulletin

Safety and Health Bulletins is one of OSHA's tool used to inform internal staff and the public of significant occupational health and safety issues concerning hazard recognition, evaluation, and control in the workplace and at emergency response sites.

Legislation:

- | | |
|--------------------|----------------|
| ➤ OSHA Instruction | CPL 02-00-065 |
| ➤ OSHA | 29 CFR 1926 |
| ➤ OHSAS 18001:2007 | Best Practices |

EHS Department issues monthly bulletin to all departments along with display on notice boards as well.

4.4. Safety Dialogue

Safety dialogue on topics like importance of PPEs while working on the plant site, hearing protection, proper use of safety gears is being carried out frequently with the staff.

4.5. Contractor EHS Compliance:

All contractor staff has been made aware of the safe working practices especially for working at height. Use of safety harness for all works above 2m (Approx. 6ft) height is a mandatory requirement and is being fully complied with by all.

Mandatory PPEs are also being emphasized-on for all contractors' personnel. Main observations during different site visits regarding activities performed by Contractors like Sambu, Andritz are given as under;

- Unsafe use of Scaffolding - SAMBU
- Use of Substandard scaffolding - SAMBU
- PPEs (Safety shoes in most cases) – Andritz mostly
- Housekeeping – Both Andritz and SAMBU

The concerned have been informed and necessary remedial actions are being taken.

4.6. Safety Management Committee (SMC)

SMC is comprised of representatives both from staff as well as management. All SMC meetings are chaired by Plant General Manager, Chairman of SMC.

Second Quarterly Meeting of the Safety Management Committee was held on 30th August, 2013. The meeting was organized by the secretary of the committee and was chaired by Plant General Manager. All members as well as representatives from all three departments attended the meeting. Organogram of SMC is attached as **“Exhibit-29”**.

Several important matters were discussed in detail. Training sessions were suggested by the chairman committee in order to make the staff aware of the standards and safe work practices as per the procedures of TNBRP AJK. Different training sessions have been scheduled in the coming month for staff awareness.

5. EHS Audits / Inspections:

Regular EHS audit of the plant area is conducted to ensure the procedural compliances. Shortcomings observed during the audit are conveyed to the concerned.

Following inspections/ audits were carried out during the last quarter.

- Monthly housekeeping Inspection conducted.
- Weekly EHS Inspection – followed by a Pictorial Report
- PPEs Compliance Survey.
- First Aid Boxes
- Quarterly Fire Extinguisher Inspection Report.

5.1. Occupational Health & Safety Internal Audit

Occupational Health, Safety Audit was carried out this month. Details regarding the Audit are as under:

Audit Team

Audit Team Leader: MD YUSOF ABD RAHMAN

Auditor: HALIM SAMMURI

ZAWAWI BIN AB HALIM

5.2. Audit Objectives

The objectives of compliance audit were:

- To evaluate the conformance of the organization's OH&S management system with OHSAS 18001:2007 Standard. And TNB, Safety Excellent Management System (SEMS) Standard
- To evaluate the compliance of the TNB REMACO activities with its own policies and procedures;
- To determine whether the OH&S management system is capable of achieving performance improvement and ensuring regulatory compliance.

5.3. Audit Program

1. 17 September 2013 – Opening Meeting
Venue: Conference Room, New Bong Escape Hydroelectric Power Plant
2. 18 September 2013 – Site Visit, interview personnel, Review of documents and records.
3. 19 September 2013 – Closing Meeting

Venue: Conference Room, New Bong Escape Hydroelectric Power Plant

5.4. Reference Standard

- OHSAS 18001: 2007, OHS Management System (Manual, Procedures, etc.)
- TNB, Safety Excellent Management System (SEMS) Standard (Checklist, Work Instruction, etc.)

OHS Audit Program – Pictorial



Opening Meeting



Site Visit



Exhibit 27 – ESOHS CAP

ESOHs RECOMMENDED ACTION ITEMS/ CORRECTIVE ACTION PLAN

Source	No	Location	Finding	Reference/Date	Action Required	Target Date	Priority	Responsibility	Status	Remarks
LEL Comments	103C	Landscaping	Rain cuts and damage water trenches observed in different areas of landscaping	Inspection by LEL Feb 13,2013	ensure the good maintenance practice including repairing of rain cut, watering, trimming and repairing of water trenches.	On going Activity	High	Manager HSE	Close	Done by Sambu/ TNBRP
LEL Comments	2	Precurment	Some workers of TNBRP were found working without Life Jackets and Safety Harniss.	Inspection by LEL May 15,2013	Precurment of life jackets and safety harniss is mandatory.	15-Jun-13	High	Manager HSE	Close	-
LEL Comments	3	Outside Power House	This is observed that there is no sufficient arrangment for night shift security guards	Inspection by LEL May 16,2013	Provision of mosqioto repelent is very necessary in these wheather condition.	28-May-13	High	Manager HSE	Close	-
LEL Comments	4	Machine Hall	Naked wire of vaccume cleaner have pluged directly.	Inspection by LEL May 26,2013	Arrange the 2 pin shoes and the attached with vacume cleaner wire	Immediate	High	Manager HSE	Close	-
LEL Comments	5	Power House	Lock out /Tag out sytem are found missing	Inspection by LEL May 26,2013	Prepare a LOTO procedure and implement accordngly.	15-Jun-13	Medium	Manager HSE/Operation	Close	-
LEL Comments	6	Headrace area	A lot of trash accomulated at stoplog area.	Inspection by LEL Jun 17,2013	Clean up the entire area safely.	20-Jun-13	Medium	Manager HSE	Close	-
LEL Comments	7	Headrace area	Dead animals was floating at headrace and creating a lot bad smell.	Inspection by LEL Jun 17,2013	Arrange a crane and proper PPEs for the safe escape of dead animal from water surface of headrae.	21-Jun-13	High	Manager HSE	Close	-
LEL Comments	8	Overhead Crane	Oil leakage from slings of overhead canes.	Inspection by LEL Jun 17,2013	Identify the root cause and fix the issue as soon as possible.	21-Jun-13	Medium	Manager HSE	Close	-
LEL Comments	9	PPEs Non Compliance	A TNB's worker observed without safety shoes at 245 elevation.	Inspection by LEL Jun 26,2013	Arrange & provide safety shoes to him and ensure the 100 % PPEs compliance . Picture of this guy is already share with HSE department TNB	28-Jun-13	High	Manager HSE	Close	-
LEL Comments	10	245-Elevation	Safety railing of unit 3 found missing.	Inspection by LEL Jun 26,2013	This is an unsafe condition may leads to a major accident so portable raing is already available to secure the area. Ensure the compliance.	Immediate	High	Manager HSE	Close	-
LEL Comments	11	245-Elevation	Security guard is deputed at 245-elevation to check the PPEs of all contractors, sub contractors, consultants and client but during my today's survey it was observed that many employee were working at 245-elevation without PPEs.	Inspection by LEL Jun 26,2013	Keep the strict check and ensure the compliance and conduct daily inspection, surprize audits and training regading importance of PPEs and other safe work practices.	Immediate	High	Manager HSE	Close	-
TNBRP comments	12	Procedural Voilation	Some worker not of Andritz and Sambu observed working without PTW.	Inspection by TNB Jun 26,2013	This is a clear procrdural voilation , all contractor must be follow the company procedure and this should be implemented immedialy.	Immediate	High	Management	Close	Panni sb circulate an email regarding compliance of PTW procedure to all concerns.

ESOHs RECOMMENDED ACTION ITEMS/ CORRECTIVE ACTION PLAN

Source	No	Location	Finding	Reference/Date	Action Required	Target Date	Priority	Responsibility	Status	Remarks
LEL Comments	13	245-Elevation	Wire plug-in directly without using the 2 pin shoe.	Inspection by LEL July 2nd,2013	Immediately arrange a 2 pin shoe and installed before starting the activity.	Immediate	High	TNBRK HSE Manager	Close	-
LEL Comments	14	Intake	Stoplog gate opening of Unit 4 found without cover and railing and warning sign board also found missing at upstream stoplog area.	Inspection by LEL July 2nd,2014	Cover the open area / if any maintenance work is in-progress, block the access with scaffolding, install warning board and employee must wear life jackets and safety harness before execution of any activity.	Immediate	High	TNBRK HSE Manager	Close	
LEL Comments	15	Water Treatment Plant	Stagnant water observed in water treatment plant at 245-elevation.	Inspection by LEL July 2nd,2015	First of all rectify any leakage if observed in water treatment plant and then clean up the entire area.	-	Medium	TNBRK HSE Manager	Close	TR has been raised for uneven surface of water treatment floor to Sambu by TNBRP.
LEL Comments	16	LandScaping & Plantation	Landscaping and plantation of entire power house badly affected by last 2-3 days rain.	Inspection by LEL July 2nd,2016	Expedite the maintenance activity of landscaping	-	Medium	TNBRK HSE Manager	Close	
LEL Comments	17	Machine Hall	Poor housekeeping observed at 245-elevation creating the slip, trip and falling hazard.	Inspection by LEL July 2nd,2017	Clean up the entire area to avoid any undesired incident.	Immediate	Medium	TNBRK HSE Manager	Close	
TNBRP comments	18	WareHouse	The Chemicals provided by EPC Contractor without Proper Labeling (Manufacturer Name, Chemical Name,concentration) etc.	Inspection by TNB Jun 26,2013	Contractor asked to fulfill the standard requirements.	-	Medium	1-EPC Representative 2-Head of Maint. 3-Warehouse Officer	Open	A reminder will be send to EPC contractor in coming week.
TNBRP comments	19	PPEs Non Compliance	A Contractor workers observed without safety shoes at 245 elevation.	Inspection by TNBRP July 02,2013	Arrange & provide safety shoes to all the contratcor staff and Contractor / TNBRP ensure the 100 % PPEs compliance .	Immediate	High	EPC Representative / Manager EHS	Close	
TNBRP comments	20	WareHouse	Improper storage arrangements for oils / paints etc	Inspection by TNBRP July 02,2013	All such items in the warehouse need to be stored in a proper manner as they are hazardous in nature	21-Jul-13	High	TNBRP	Close	
TNBRP comments	21	Plant Main Entrance (Security)	Entry Pass System for Complex	Inspection by TNBRP July 02,2013	All Companies must be followed the entry pass and issue employment cards to all their employees working at NBE HPP	Immediate	High	EPC/OE/TNBRP	Close	Issue is still open due unavailability of empoyees list of Androtz and Sambu.
LEL Comments	22	270 Elevation	Some workers observed working in unsafe manner without PTW.	Inspection by LEL July 17,2013	Stop the activity and arrange a certified crane for the execution of work.	Immediate	High	EPC/OE/TNBRP	Close	
LEL Comments	23	Power House	Awarness session regarding accident reporting needed to be conducted for O&M contractor.	Inspection by LEL Aug 08,2013	A full training session needed to conducted by LeL with the coordination of TNB HSE deptt.	31-Aug-13	Medium	Officer ESOHS LEL/Manager EHS TNB	Close	

ESOHs RECOMMENDED ACTION ITEMS/ CORRECTIVE ACTION PLAN

Source	No	Location	Finding	Reference/Date	Action Required	Target Date	Priority	Responsibility	Status	Remarks
LEL Comments	24	Power House	Scaffolding erected by sambu near transformer dyke is not safe for working.	Inspection by LEL Aug 08,2013	Complete scaffolding inspection needed to be carried out by a competent person and after rectification of all discrepancies employees allow to use otherwise it may cause an accident.	31-Aug-13	High	TNBRK HSE Manager	Close	
LEL Comments	25	NBE Gates	Local people are fishing near NBE gates which are on high risk.	Inspection by LEL Aug 08,2013	TNB security should stopped the all local to enter in the identified. Because section 144 are still applicable. CLO meet with SDM and discuss the matters and solve it ASAP.	Immediate	High	Manager Security/ CLO	Close	
LEL Comments	26	Power House	Construction worker was observed working at height without coupling the harness with scaffolding pipe .	Inspection by LEL Aug 17,2013	conduct a tool box talk on safe working at heaight and keep strickt check on all activities of power house.	31-Aug-13	High	TNBR HSE Manager	Close	
LEL Comments	27	Power House	Hight of Emergency light hanger at diffrent elevation is not suitable and have the potential to cause serious injury.	Inspection by LEL Aug 22,2013	Fix all hangers above six feet height	31-Aug-13	High	TNBRP HSE Manager	Close	
LEL Comments	28	Landscaping	Landscaping & plantation of power are not maintaining properly.	Inspection by LEL Aug 28,2013	Entire landscaping needs proper trimming immediatly.	10-Sep-13	High	TNBRP HSE Manager	in-progress	
LEL Comments	29	Elevation 245 (Machine Hall)	Termination cables of Diesel generator was found without cover.Theseare high voltage cables which could be dagrous when diesel generator was operational.	Inspection by LEL Sep 08,2013	Cover with (Rubber) terminal insulator. Or communicate with maintenance department taking the proper remedial measure.	10-Oct-13	-	TNBR HSE Manager	Open	
LEL Comments	30	Elevation 245 (Machine Hall)	A lot of waste observed at unit 2 and unit three.	Inspection by LEL Sep 09,2013	Communicate to concernd department and cleaning and house keeping of this area	16-Sep-13	-	TNBR HSE Manager	Close	
LEL Comments	31	Headrace area	Some gardner are working without gloves and safety shoes	Inspection by LEL Sep 10,2013	Provide gloves and safety shoes to avoid the bio hazards.	12-Sep-13	-	TNBR HSE Manager	Close	
LEL Comments	32	Procedure	Some comments in risk assessment procedure is highlighted and communicated to TNB.	Inspection by LEL Sep 16,2013	Address all comments and submitt the final procedure.	24-Sep-13	High	TNBR HSE Manager	Close	
LEL Comments	33	Firefighting Equipment	Inspection tags found missing on portable fire extinguisher	Inspection by LEL Sep 23,2013	Prepare, inspection tags for all extinguisher and inspect frequently	15-Oct-13	Medium	Medium	Open	
LEL Comments	34	Elevation 227	Open main hole obseved without barication.	Inspection by LEL Sep 23,2013	Baricade if working on it and cover if no work remaining.	08-Oct-13	Medium	Medium	Open	
LEL Comments	35	Power House	Taging founng missing at Machine hall and 251 El. Of power house.	Inspection by LEL Sep 28,2013	Tag the entire power house for the identification of area and equipment.	15-Oct-13	Medium	TNBR HSE Manager	Open	

ESOHs RECOMMENDED ACTION ITEMS/ CORRECTIVE ACTION PLAN

Source	No	Location	Finding	Reference/Date	Action Required	Target Date	Priority	Responsibility	Status	Remarks
LEL Comments	36	Power House	Noise test is pending since long time.	Inspection by LEL Sep 28,2013	Conduct 3rd party noise tecting and prepare a map on the basis of results	15-Oct-13	Medium	TNBR HSE Manager	In-progress	PO has been issued

Summary

Source	Total Issues	Closed	In-progress	Pending
Recommendations from EP-AJK	-	-	-	-
Recommendations from MM	-	-	-	-
LEL Comments	31	25	1	5
TNBRP comments	5	4	0	1
Reported Accidents By Contractor	-	-	-	-
Reported Unsafe Acts/Unsafe Conditions (UA/UC)	-	-	-	-
Recommendations from IFC	-	-	-	-
Total	36	29	1	6

Exhibit 28 – Emergency Response Training Calendar

Calendar for Earthquake Drill 2013 NBE HPP

**03 October,
Thursday**

Time: 1500 Hrs.
Topic: Earthquake Drill
Awareness
Participants:
Duration: 60 minutes (App.)
Venue: TNB Conference Room
Supervised By: Bilal Khan

**08 October,
Tuesday**

Time: 1500 Hrs.
Topic: Earthquake Drill
Awareness
Participants:
Duration: 60 minutes (App.)
Venue: TNB Conference Room
Supervised By: Bilal Khan

**10 October,
Thursday**

Time: 1500 Hrs.
Topic: Earthquake Drill
Awareness
Participants:
Duration: 60 minutes (App.)
Venue: TNB Conference Room
Supervised By: Bilal Khan

**24 October,
Thursday**

Time: 1500 Hrs.
Topic: Earthquake Drill
Awareness
Participants:
Duration: 60 minutes (App.)
Venue: TNB Conference Room
Delivered By: Bilal Khan

**01 November,
Thursday**

Time: 1500 Hrs.
Topic: Refresher of Above
Duration: 30 min.
Venue: TNB Conference Room
Supervised By: Bilal Khan

**07 November,
Thursday**

Time: 1500 Hrs.
Topic: Refresher of Above
Duration: 30 min.
Venue: TNB Conference Room
Supervised By: Bilal Khan

**12 November,
Thursday**

Time: 1500 Hrs.
Topic: Refresher of Above
Duration: 30 min.
Venue: TNB Conference Room
Supervised By: Bilal Khan

**14 November,
Thursday**

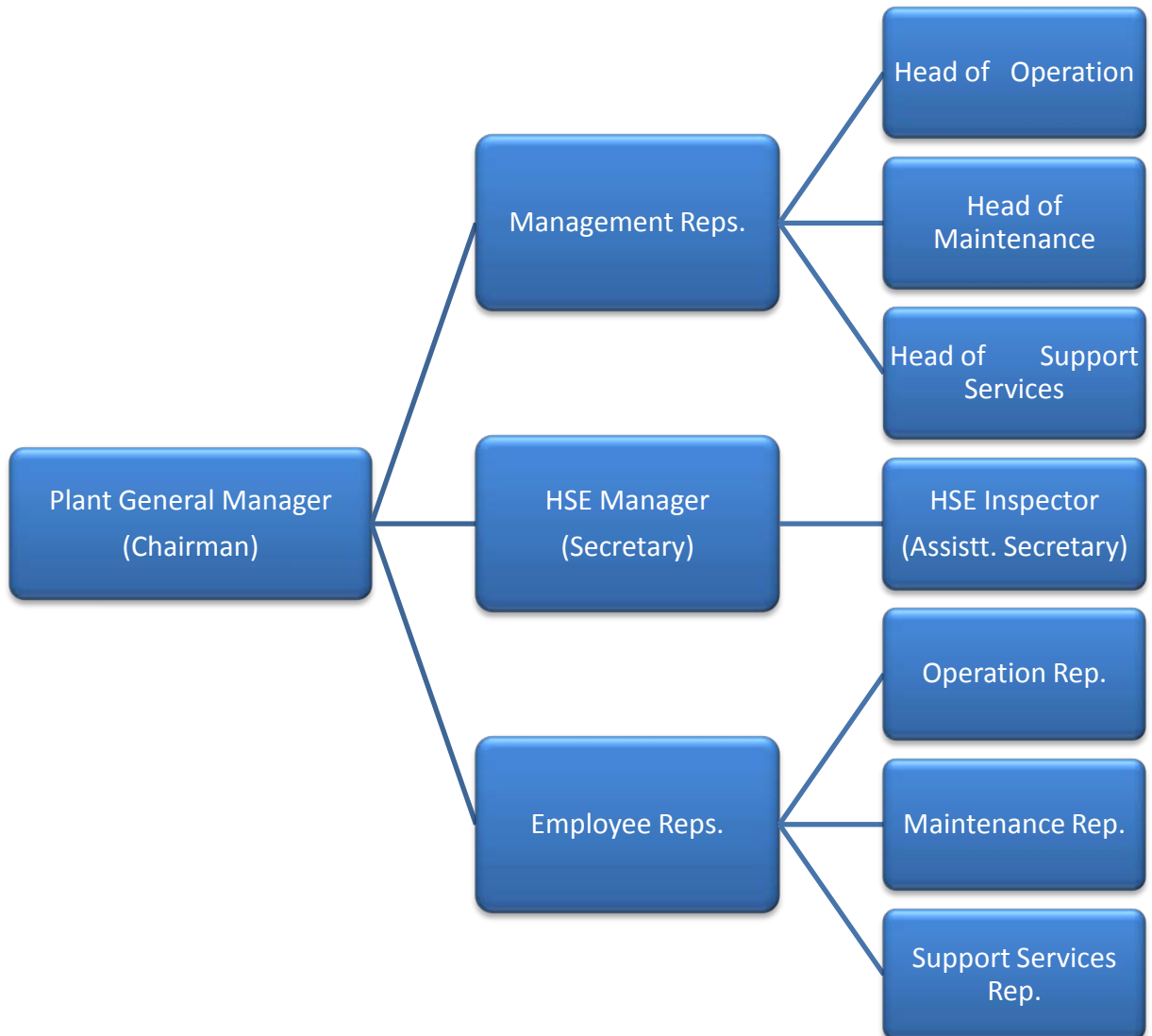
Time: 1500 Hrs.
Topic: Refresher of Above
Duration: 30 min.
Venue: TNB Conference Room
Supervised By: Bilal Khan

**21 November,
Thursday**









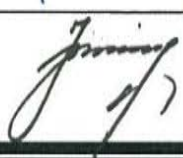
Time: 1500 Hrs.
Topic: Earthquake Drill
Duration: 60 minutes (App.)
Venue: Power House
Supervised By: M. Sohail

Exhibit 29 – Safety management Committee Organogram

Safety Management Committee Organogram



Safety Management Committee Organogram

Name	Company Designation	SMC Designation	Signature
Management Reps.			
Mohd Azam Sulaiman	Plant General Manager	Chairman	
Samsudin Ahmad	Head (Operation)	Member	
Abdul Rais Abdul Hamid	Head (Maintenance)	Member	
Syed Mujahid Ali Jafri	Head (Support Services)	Member	
Bilal Khan	HSE Manager	Secretary	
Farman Ullah	HSE Executive	Assistant Secretary	
Employee Reps.			
Ghulam Waqas Shahzad	SE P & P (Operation)	Member	
Imran Ali	Chargeman Electrical (Maintenance)	Member	
Muhammad Tariq	Finance Assistant (Support Services)	Member	

*Rep.: Representative