

BY COURIER

549
6/3/19

SAFETY AUDIT

AS PER IS: 14489-1998

Name of the company -

SPIG Cooling Towers India Private Limited

At its Site Address-

**IOCL , Petrochemical Complex, Panipat Refinery,
BS-VI Project**

PANIPAT REFINERY, PANIPAT,

HARYANA-132103

Year 2019

S49
6/3/19

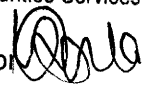
Proforma for Safety Audit Report

- | | | |
|----|---|--|
| 1 | Name and address of the factory | SPIG Cooling Towers I Pvt Limited, Site-
IOCL Panipat Refinery, BS-VI, MSQ Area,
CT project
Panipat, Haryana-132103 |
| | E-mail ID- sumanrana@spig-int.com | Contact Number-M8348380274 |
| 2 | Name of MD/Occupier- | Sh Mahendra Daswani |
| 3 | Name of Factory Manager | Sh Suman Rana, RCM |
| 4 | Date of Audit | 28th Feb,2019 |
| 5 | List of raw material with maximum storage quantity. | FRP Cooling Towers & water dosing system
Including Fans, Gear box,Electric motors,
pipes, Vessels tanks etc |
| 6 | List of finished products with maximum storage quantity- | FRP Cooling Towers |
| 7 | Manufacturing process flow chart | EPC/ LSTK Contract for FRP Cooling
Towers & Dosing system. |
| 8 | PI diagram of all plants (Chemical Factories:- | NA |
| 9 | Name of Safety Auditor | DEVI DUTT KALA |
| 10 | Whether enclosed Safety Audit Report as per
Factories Act, 1948 and rules made there
under and IS 14489 or any such standard
prevailing at the relevant time , whichever is
latest. | YES |

MDA Kala's Fire, Safety & Securities Services

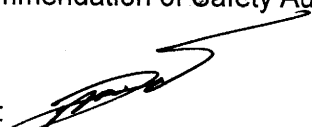
Date: 06.03.19

Signature of Safety Auditor


Proprietor

I, Mahendra Daswani... (Occupier) undertake to submit the action taken report on
recommendation of Safety Audit on or before-... 29 - Mar - 19

Date:


Signature of Occupier

Ref.docu-Annexure-II (see para 7 &8)

SAFETY AUDIT REPORT

SPIG Cooling Towers India Private Limited

Address:- Site-IOCL, Petrochemical Complex, Panipat Refinery, Panipat Refinery, BS VI Project, Haryana-132103

Ref No:- SPIG/PNPT/SA/1819/ 549

Name of Auditor- D KALA, FIRE & SAFETY CONSULTANT

Dated :- 06-03-19

Address of auditor:- MDA KALA'S Fire, Safety & Securities Services, 557, Saraswati Vihar, MG Road, Chakarpur, Gurugram, Haryana-122002

Date of Audit:-28-02-19

Auditees present in audit- Sh Suman Rana , RCM and Sh Saurabh Ranjan, Safety officer

As per IS:14489:1998

SN	ISSN	Good Points	Evidence
1		<p>Description</p> <p>Medical examination</p>	<p>It is observed that all the person are medically examined by authorised medical practitioner before employment to know the physical fitness of the person. Medical Certificate of Mr Raj Kumar s/o Sh Raland , DOB- 05-04-89 done by Dr S. L. Multani, MBBS, Reg. No-35567 has been checked as sample and verified.</p>
2	13	Does the head of safety department / safety officer report to the chief executive?	Yes, Safety Officer reports to RCM of SPIG at site and Safety Manager at its Head Office. He also coordinates and keep liasoning with Safety Department of EIL and IOCL.
3	36	Is there any system of classifying and analyzing the near-miss incidents and accidents? Give the details.	Yes, Individual reports are investigated by SPIG and also by Pricipal employer .One case is verified which occurred on 13.05.18.
4	74	Does the organization celebrate safety day / week or organize safety exhibition?	Every month on 1st , Safety Day is celebrated and reward is given to top three person for their safety performance of the past month as verified from award giving photo of 01.07.18
5	144	Are the contractor's workers provided with the required PPE? Who is responsible? Give details.	Issuance of PPE is done to individual and got signed by person specific to whom item is issued as verified in register.
6	166 & 167	Is there an on-site emergency plan for your factory? (attach a copy of the plan). What is the frequency of conducting mock	Site is small in size still they have made On Site Emergency Plan and mock drill is conducted on 30.08.18 accordingly.
<p>Audit Observation</p>			
1	27	What is the annual safety budget?	<p>Observation</p> <p>There is no constraint for safety budget. Budget is made with other activities as planned for project site activities.</p>
2	35	Whether the accident data for the last three years for reportable and non-reportable accident available?	<p>Observation</p> <p>There was a near miss incidents on 13.05.18. This was investigated and also reported in the prescribed format to the principal employer. Corrective actions were taken accordingly. MDA KALA'S Fire, Safety & Securities Services</p>
			<p>Remedial Measures</p> <p>Segregate the activities and keep separate for safety related activities.</p> <p>SPIG submit the report to IOCL and EIL. They jointly decide the required measures and ensure the implementation at site.</p>

3	54	Do the programs cover the plant safety rules, hazard communication and any other special safety rules or procedures unique to the plant or specific departments?	Training program content in Power point is not prepared. But TBT, PJB has been done on daily basis. Reports verified	Content of the training program to be made which also needs to cover OHS policy, plant safety rules, hazards etc.
4	60	Is the retraining performed whenever new hazards/process changes are followed/introduced?	At present, training is done at the starting and also after addition new hazard. TBT, PJB has been done on daily basis. Reports verified.	Content for retraining program to be made specific based on hazards as observed during process.
5	74	Does the organization celebrate safety day/week or organize safety exhibition?	Every month on 1st, safety day is celebrated. Safety performance of the previous month is communicated and best three persons are selected for reward for previous month. Photo of program held on 01.07.18 is observed, in which tiffen boxes were distributed.	Similarly, 4th March every year, safety week and safety months be celebrated to keep the moral up of the workers. As confirmed they have already conduct & celebrated national Safety day on 4th March, 2019 and will keep continue such celebrations.
6	76	Are adequate number of first aid boxes provided? Give location details.	There is a first aid box made available in the office but this is of plastic box. Contents are also not standard.	First aid box contents needs to be standardized as per guide line of Principal employer. Safety person is certified First aider
7	115	What are the types of hazards (physical-noise, heat, etc, and chemical-fire, explosion, toxic release, etc)?	Hazards are identified from JSA. Remedial measures are not categorised as per hazards.	Hards also be identified by hazard identification and risk assessment (HIRA). Control measure must be as applicable for that particular hazard
Site Visit Observations- Cooling Tower Site				
Observation				
SN	Observation		Remedial Measures	
1	The passage for entry in the work areas was obstructed by waste pieces of saris, bricks.		The passage for movement of the workers at site must be clear and free from obstruction.	
2	Helmet of Mr Raju Shah, an operator was found damaged inner helmet		Trained the operator to check their PPE and get them replace in time. Checking of PPEs must be done by a trained person also.	
3	Full Body Harness make KARAM S. No 167 was last checked on 16.01.19.		As this is life safety item, must be checked on weekly basis for its condition by competent supervisor. These also need to be certified by Competent person once in six month as per Sec-35 of Factories Act.	

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MDA Kala's Fire, Safety & Security Services


Proprietor

02/12