

गेल (इंडिया) लिमिटेड GAIL (India) Ltd.

(A Government of India Undertaking) (A Maharatna Company)

पोस्टः गेल कॉम्पलेक्स,विजयपर जिला गुना (म.प्र) 473 112 P.O. GAIL COMPLEX, VIJAIPUR DISTT. GUNA (M.P) 473 112 द्रशाय/Phose: (07544) 274444 फैक्स/Fax: (07544) 274600

GAIL/VIJP/EMC/10/EC-Compliance/10/2022

Date: 14.10.2022

To,

Addl. Principal Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office, Kendriya Paryavaran Bhavan, Link Road No .3. Bhopal - 462016.

Regarding Six Month Point-wise Compliance (Apr'22 to Sept'22) Status of Conditions under Environment Clearance accorded to C2C3 recovery & Gas Processing Unit, DVPL, VDPL of GAIL (India) Ltd., by Ministry of Environment & Forests.

Ref.: Your letter No. J-11011/168/2011-IA II (I) dated 02.03.2012 for C2C3 recovery & GPU Your letter No. J-11011/46/2002-IA II (I) dated 09.10.2002 for Dahej Vijaipur Pipeline (DVPL). Your letter No. J-11011/1054/2007-IA II (I) dated 08.01.2008 for Vijaipur Dadri Pipeline (VDPL).

Dear Sir,

This is in reference to the Environment Clearances, under the provisions of EIA Notification dated 14th September 2006, accorded by your good office to GAIL (India) Ltd. Respectively as per ref. in accordance with the Environment (Protection) Act, 1986; Water (Prevention & Control of Pollution) Act, 1974 & Air (Prevention & Control of Pollution) Act, 1981.

In regard to the same & in compliance of the conditions stipulated in the respective Environment Clearances, the Six - monthly (April 2022 to September 2022) point-wise compliance status of the conditions under the various clearances accorded by MoEF for the pipelines under the aegis of GAIL Vijaipur are being enclosed for your ready reference.

We shall be deeply obliged if you would kindly acknowledge the receipt of the same by sending the stamped & signed copy of the same to the following address for official record purposes.

Thanking you.

Sincerely Yours,

For GAIL (India) Ltd. Vijaipur

Hardeshi (A.

Mary Care (M.F.

GAIL Vijaipur Hamper (E.M.)

(Caron Profes पंजीकत कार्यालय : 16, भीकारजी कामा प्लेस, आर.के पुरम, गई दिल्ली – 110 066

Regd. Office: 16, Bhikaiji Cama Place, R.K. Puram, New Delhi - 110 066

Poir	nt-wise Compliance Status of Conditions under Environmental GAIL Vijaipur	Clearance accorded to C2C3 Complex,
	EC Ref. No. J-11011/168/2011-IA II (I) date	ed 02.03.2012
S. No.	Details of Conditions under Environmental Clearance	Status of Compliance
A	General Conditions	
1	The Project Authorities must strictly adhere to the stipulations made by the Madhya Pradesh Pollution Control Board.	We will strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
2	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment & Forests. In case of deviations or alterations in the project proposal from those submitted to this ministry for clearance, a fresh reference shall be made to the ministry to assess the adequacy of the conditions imposed & add additional environmental protection measures required, if any.	No further expansion or modification will be carried out without prior approval of the Ministry of Environment & Forest.
3	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) & it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Complied with at the time. 2 nos. of real time AAQMS stations have installed in upwind & downwind directions. Photos of AAQM station is attached as Annexure 1
4	The overall noise levels in the plant shall be kept well within the standards by providing noise controls measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dB (A) (day time) & 70 dB (A) (night time).	Accoustic enclosures provided for all points sources for noise emissions as well as high noise zones clearly demarcated within plant premises as per Factories Act and it is mandatory for all personnel to wear ear protection PPE in plant areas. Additionally, noise levels at plant boundary are monitored & are found well within permissible limits of Noise Pollution (Control & Regulation), 2010
5	The Company shall harvest rainwater from the rooftops of the buildings & storm water drains to recharge the ground water & use the same water for the process activities of the project to conserve fresh water.	Rain water harvesting through roof- top has been provided for buildings in the new plant.

6	Training shall be imparted to all employees on safety & health aspects of chemicals handling. Pre-employment and routine periodical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	First-time & refresher training is regularly provided by F&S department on safety & health at GAIL Vijaipur. Annual Overall Health Check-up (OHC) done as per Factories Act for all employees. Safety Training roster is being maintained for all contract employees as well.
7	The company shall also comply with all the environment protection measures & safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/ EMP in respect of environment management, risk mitigation measures and public hearing relating to the project shall be implemented.	All the environment protection measures & safe guards proposed are complied at the time of commissioning.
8	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages & administration.	Same is in practice as is evident from the all-round development in surroundings and shall be continued as part of Corporate CSR strategy. CSR Activities for FY 21-22 is attached as Annexure 2
9	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Complied as part of CSR Programme.
10	A separate Environmental Management Cell equipped with full-fledged laboratory facilities must be set up to carry out the Environmental Management and monitoring functions.	Environment Management Cell headed by Sr. Executive is already functioning to carry out the Environment Management & Monitoring functions.
11	The company shall earmark sufficient funds towards capital cost & recurring cost per annum to implement the conditions stipulated by the MoEF as well as State government alongwith the implementation schedule of for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	The funds so provided to implement the conditions shall not be diverted for any other purpose
12	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla parishad/ Municipal corporation, Urban local body, & the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	Complied at the time

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13	The Project proponent shall also submit six monthly report on the status of the compliance of the stipulate environmental clearance conditions including results monitoring data (both in hard copies as well as by e-material to the respect regional office of MoEF, the respective zor office of CPCB & MPPCB. A copy of Environmental clearance with a six monthly compliance status shall be posted company's website.	of of stipulated EC conditions shall be submitted as per the defined frequency to all concerned
14	The environment statement for each financial year endi 31st March in Form V as is mandated shall be submitted the concerned State Pollution Control Board as prescribe under the Environment (Protection) Rules, 1986, amended subsequently, shall also be put on the website the company alongwith the status of compliance environmental clearance conditions and shall also be se to the respective Regional offices of the MoEF by e-mail.	to Environmental Statement for each financial year is submitted to the Madhya Pradesh Pollution Control of Board as prescribed under the
15	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the State Pollution control Board/ Committee & malso be seen at the website of the Ministry & Forests http://www.envfor.nic.in. This shall be advertised within days from the date of issue of the clearance letter, in least 2 local newspapers that are widely circulated in the region of which one shall be in the vernacular language the locality concerned and a copy of the same should the forwarded to the Ministry's RO at Bhopal.	the clearance at the time of receiving the clearance of
16	The project authorities should inform the regional office well as the Ministry, the state of financial closure and fin approval of the project by the concerned authorities are the date of commencing the Land development work.	al Complied at the time of receiving the
В	Specific Conditions	
1		Complied and status submitted at the time of application to SPCB as well.

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2	M/s GAIL (India) Ltd. shall comply with new standards / norms prescribed for petrochemical industry notified under the Environment (Protection) Rules, 1986.	Necessary precautions and actions have been taken care while designing & engineering of the project by M/s EIL and standards/norms are being taken care of during operation of plant.
3	The process emissions (particulate matter, SO2, NOx, HC, CO & VOCs) from various units shall conform to all standards prescribed by the CPCB/ MPPCB from time to time. At no time, the emissions levels shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measure are rectified to achieve the desired efficiency. Stack emissions shall be monitored regularly.	Necessary precautions and actions have been taken care while designing & engineering of the project by M/s EIL and levels of emissions are being taken care of during operation of plant.
4	Low NOx burner shall be installed to control NOx emissions.	Already incorporated in design of the units and Low NOx burners have been installed and hence the condition is complied.
5	Ambient Air Quality data shall be collected as per NAAQES standards notified by the Ministry vide G.S.R. No. 826 €dated 16th September, 2009.	All Ambient Air data is collected and analyses based on NAAQS Standards.
6	In-plant control & monitoring measures for checking fugitive emissions from all the vulnerable sources should be provided. Adequate dust suppression systems with water spray system shall be provided for storage yard, junction houses. Raw material loading & unloading areas should be covered and also provided with water spraying systems. Fugitive emission in the Work zone environment, product, raw materials, storage area etc. shall be regularly monitored and record maintained. The emissions should conform to the limits stipulated by MPPCB.	Natural Gas which is a clean fuel is the raw material for our plant and the same is received through pipeline. Hence dust suppression system is not required. Necessary emission detection instruments are strategically installed at various locations in the plant. They are being continuously monitored and records maintained during operation of the plant
7	Steps shall be taken to minimize fugitive emissions. Monitoring of fugitive emissions shall be carried out as per guidelines of CPCB by fugitive emissions detector and report shall be submitted to the Ministry's Regional Office at Bhopal. Continuous monitoring system for VOC's at all important places / areas should be ensured. When monitoring results indicate above the permissible limits, effective measures need to be taken immediately.	Necessary emission detection instruments are strategically installed at various locations in the plant. They are being continuously monitored and records maintained during operation of the plant. Continuous monitoring system for VOC's are provided in the AAQMS stations. Effective measures would always be put in place to keep emissions within limits.

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13	alongwith process wastewater. No effluent shall be discharged outside factory premises and 'Zero' discharge concept shall be adopted.	Noted. The same shall be complied at all times since GAIL Vijaipur is already a Zero-discharge facility.
12	As proposed additional effluent generation shall not exceed 133 m3/hr. Industrial effluent shall be treated in effluent treatment plant (ETP) and treated effluent shall be recycled and reused within factory premises. Company shall construct guard pond for collection of treated effluent and shall carry out water quality test by collecting the treated effluent before application. Water quality of treated effluent shall conform to the norms prescribed by CPCB/ MPPCB from time to time. As proposed, sewage shall be transferred to aeration tank	Additional effluent generation shall not exceed 133 m3/hr. Treated effluent is constantly monitored through real-time EQMS and conforms to prescribed limits. As per design, sewage is transferred to aeration tank.
11	The total freshwater requirement from Gopikrishna Sagar Dam shall not exceed 830 m3/hr and prior permission from the concerned authority. No ground water shall be used.	Total fresh water requirement from GopiKrishna Sagar dam will not exceed 830 m3/hr. No ground water is used in the plant.
10	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Accoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	For dispersal of gaseous emissions if any from DG set is done through adequate stack height. Acoustic enclosure is provided to the DG sets to mitigate the noise pollution
9	A proper Leak detection & Repair (LDAR) Program shall be prepared and implemented. Focus shall be given for prevention of fugitive emissions for which maintenance of pumps, valves, pipelines are required. Proper maintenance of mechanical seals of pumps and valves shall be given. A preventive maintenance schedule for each unit shall be prepared and adhered to.	A proper Leak Detection & Repair program is being carried out . Proper maintenance of mechanical seals of pumps and valves are given. Preventive maintenance schedule is prepared and being followed
8	Continuous ambient air quality monitoring stations for PM10, SO2, NOx, CO, HC & VOCs shall be set up in the petrochemical complex in consultation with CPCB/MPPCB. Unit shall follow CPCB/ MoEF calibration protocol for the calibration of continuous Stack as well as ambient air quality monitoring analyzer installed in all stations. Data of stack monitoring and ambient air shall be displayed on web as well as outside the premises at prominent place for public viewing. The company shall upload the results of the monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, respective zonal offices of CPCB & MPPCB.	Two numbers of AAQMS are placed inside the plant. One in the upwind direction and other in the downwind direction of the constructed plant. Data being transmitted to CPCB & MPPCB website

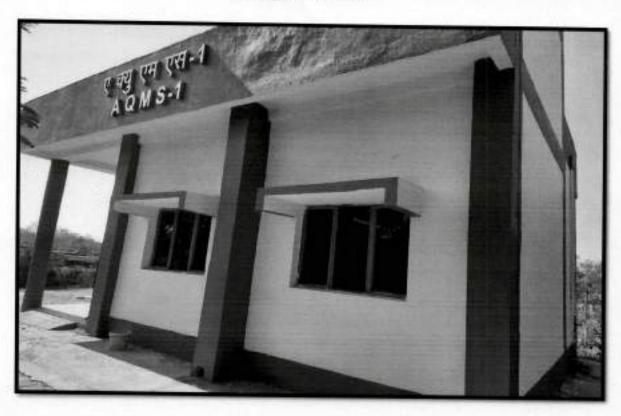
14	Process effluent/ any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	ed Noted. The same shall be complied.		
15	The company shall obtain Authorisation for collection storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling & Transboundary movement) Rules, 2008 and amended as of date for management of Hazardous Wastes and prior permission from MPPCB shall be obtained for disposal of solid/hazardous waste in the TSDF. Measures shall be taken for fire fighting facilities in case of emergency.	Hazardous waste authorization has been obtained under combined consent for C2C3 & Gas Processing Unit, GAIL Vijaipur		
16	Spent catalyst & bottom tank sludge shall be sent t authorised recyclers/ reprocessors.	applicable.		
17	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process like material handling. Fire fighting system should be as petthe OISD norms. All the OISD standards shall be followed.	Full-fledged Fire & safety department exist and is well equipped with adequate		
18	OISD guidelines shall be followed for minimum distance between various units.	Complied during design and engineering.		
19	The company shall strictly comply with the rules an guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amende time to time. All transportation of Hazardous Chemical shall be as per the Motor Vehicles Act (MVA), 1989	Complied as applicable		
20	The company shall undertake following waste minimsat	ion measures:		
	 a) Metering & control of quantities of active ingredients to minimise waste. 	Complied.		
	 Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. 	Noted and shall be complied in case applicable.		
	c) Use of automated filling to minimize spillage	Not applicable since no routine filling activity takes place.		
	d) Use of Close feed system in batch reactors	Not applicable since batch processing does not take place at GAIL Vijaipur. However, entire plan operation is in closed loop.		
	e) Venting equipment through vapor recovery system.	All gas venting (either planned or unplanned) is routed through our Flare recovery system wherein Flare gas is recovered & utilised as Fuel gas at plant & township (cooking gas).		

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8	f) Use of High pressure hoses for equipment cleaning to reduce wastewater generation	High pressure air line as part of utilities has been installed in plant areas for reducing water-based cleaning activities.
21	Green belt shall be developed in 33% area to mitigate the effects of fugitive emissions all around the plant as per CPCB guidelines in consultation with the local DFO. Thick greenbelt with suitable plant species shall be developed around the proposed expansion.	
22	Occupational health surveillance programme shall be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health centre shall be strengthened & the regular medical test records of each employee shall be maintained separately.	Occupational health surveillance programme is under taken as regular exercise for all employees (Annexure 4). Regular medical test records of each employee are maintained separately.
23	All the recommendation mentioned in the rapid risk assessment report, disaster management plan and safety guidelines shall be implemented.	Complied at the time.
24	All the commitments made during the Public hearing/ Public Consultation meeting held on 9th September 2011 shall be satisfactorily implemented and adequate budget provision shall be made accordingly.	Complied at the time.
25	Company shall prepare project specific environmental manual and a copy shall be made available at the project site for the compliance.	Complied
26	Company shall adopt Corporate Environment Policy as per the Ministry's O.M. No. J-11013/41/2006/-IA.II(I) dated 26th April, 2011 and implemented. Under Corporate Social Responsibility (CSR), sufficient budgetary provision shall be made for health improvement, education, water and electricity supply etc. in & around the project.	Complied at the time. Sufficient budgetary expenditures are being undertaken under GAIL CSR programs with project details appended.
27	Provision shall be made for the housing for the construction labor within the site with all the necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical healthcare, creche, etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surroundings.	Complied at the time.

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AAQM STATION





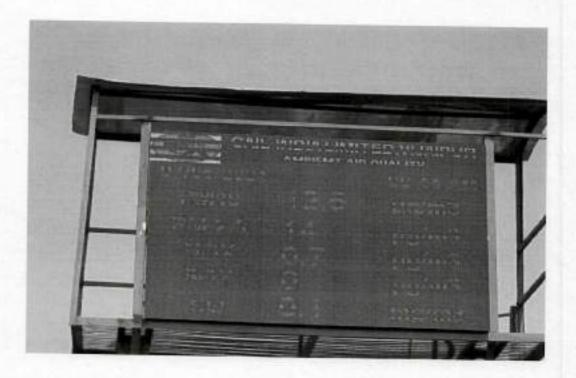
Status of Vijalpur "CSR-Projects" approved for FV:2821-22

SN	Thrust Area	Details of activities	LOCATION from Vijelpur	Agreement Amount (In: Lac)	No. of beneficiarie
1	GAIL-Aragya	Support towards Providing Healthcare facility shrough STI-Clinic for stuckers at Vijelgur, Guna(X4F)	Tanker Waiting Area, GAL Complex, Vijaspur	1.347	500
2	GAIL-Arogya	Support for construction of toilets for public masses in district. Shippuri-MP	Within 300 Km radius to GAL- V(arpur	10	1000
1	GAR, Arogya	Support for providing Oxigen Cylinders for Government Rospitals of Guna (MP)	Within 100 Km radius to GAIL- Vijaipur	2,6	1800
4	GAIL-Racobal	GAIL-Kaushal Support for job linked skill training at GAIL Skill Schools Guns (MP) Within 30 Km radius to GAIL Visions		35.37	600
5	GAE-Aragya	Support towards Providing Healthcare facility through 501-Clinic for truckers at Vijarpur, Guna(MP)	Tanker Waiting Area, GAIL Complex, Walpur	7	2500
	GAIL-Arogya	Support for filling charges of Congan Cylinders for public use at Suna (MP)	Near by to Datrict-Guna	1.77	850
,	GAS-Aragya	Support for organising has presentive health check-up & screening camps for malnourabed scenes & children in Vijalpur, Gure district of Madhys Pradesh	Neer by to District-Guns & District-Shiypari	24.8	59000
8	GAIL-Kauchai	Support for Job linked skill training at GAIL Skill Schools Guns (MP)	Within 30 km reducto GAIL- Visiour	114 84213	500
	GAL-Ujwal	Support for 05 Government Tribal tilts hostel in Gune (MP)	Within 50 Km multies to GA/L- Vijaipur	25	250
0	GATI-Ujjesal (Under SCBET Scheme)	Support for providing 2467 set of dual Desk-Bench to 22 Govt. Schools	Within 100 km radius to GAIC's Installations within CR	44.01	9000
	GAIL-Anagys	Release of payment for transportation of 2500 PPE-Kits to Vijaipur	'Within 200 Km radius to GAIL's Installations within CR	0.7862	2500
2	GAL-Cauchai	Provision for statutory payment to Govt. of Madhya Fradesh against annual lease rent for the land of GAR-Institute of Skills, Guns (due for FY.3020-21 & FY.2021-22)	Within 30 Km from GAS, Vijelpur	12	600
1		Total Ansount approved for PY (21-22) (* in lace)		298.99	

Annexure 3

AMBIENT AIR QUALITY DISPLAY BOARD





SCHEDULE OF GAIL VILAIPUR EMPLOYEES FOR OCCUPATIONAL HEALTH CHECKUP FOR THE YEAR 2021-22

Personnel Number	Formatted Name of Employee or Applicant	Position	Department	Personnel	PROBABLE OCCUPATIONAL HAZARD	ROBABLE ROUTE OF ENTRY	7
15451	DUNGESH KUMAR KASHYAP			Subarra	A Chemical hazards (Explosure of hydrocastory S. Physical hazards (liose & high temperature in work area), and		Date of 0
	SLMIT SAHA	MANAGER (BOILER OPERATIONS)	BOILER & POWER PLANT	MUNIPUR	prolong operation of the computer	Hearing organ	02.12.25
	JAYAPRAKASHS	MANAGER (BOILER OPERATIONS)	BOILER & POWER PLANT	VIJAPUR	Do	7777	
		MANAGER (BOILER OPERATIONS)	BOILER & POWER PLANT	VLIMPUR	De	Do	20.11.20
-	SHERISH BHATT	MANAGER (BOILER OPERATIONS)	BOILER & POWER PLANT	VUNIPUR	De	Do	30.11.20
	ASHISH THAWAIT	MANAGER (BOILER OPERATIONS)	BOILER & POWER PLANT	VUAPUR		Do .	15.11.20
	KHEMRAJ DEWANGAN	MANAGER (BOILER OPERATIONS)	BOILER & POWER PLANT	VUAIPUR	Do	Do	16,11,20
15440	SANJEEV KUMAR SINGH	MANAGER (BOILER OPERATIONS)	BOILER & POWER PLANT	VILAPUR	De	Do	22,11,20
10506	RAJKUMAR PARSENDIYA	MANAGER (BOILER OPERATIONS)	BOILER & POWER PLANT	VLIMPUR	Do .	De	26.11.20
1954	PALAK SHAH			PENALOR	Do	Do	01:12:20
	RAKESH KUMAR SHAH	MANAGER (BIS)	BUSINESS INFORMATION SYSTEM	VUAIPUR	Physical hazards (prolong speration of the	Strain on vison and backaging	07.12.20.
	VAKADA UMAMAHESWARA RAD	MANAGER (NS)	BUSINESS INFORMATION SYSTEM	VUAPUR	COTTPATE() Do		
30,40	ANVARW CIMHINALE PANWA KATI	CH MANAGER (BIS)	BUSINESS INFORMATION SYSTEM	MIAPUR	De	Do	26.11.20
					A. Cherrical hazante (Explosure of	De	02 12.200
					hydrocarbon) B. Physical hazards (nose in	A. Respiratory track and other interest	
2427	RAMESH CHANDRA YADAV	CH MANAGER (HORTICULTURE)	CML		work area) and prolong operation of the	Dody parts, skin and elsion. It.	06.12.202
3013	SANTOSH KUMAR	CH MANAGER (MAINTENANCE)		VUAIPUR	computer	Hearing organ.	
4737	ORIGINAN PAL YADAV	CH MANAGER (HORTICULTURE)	CML	VUAIPUR	De	Der	03.12.202
	MITHUN SINGH	SR FOREMAN (CIVIL-MAINT)	CIVE	VIJAPUR	Do	De	30.11.202
17516	GUNDEEP.	FOREMAN (CIVIL)	CFVIL	VIJAIPUR	Da	De	20.11.202
	ASHUTOSH	FOREMAN (CIVIL)	CIVIL.	VLIAIPUR	Do	De	
_	MAYANK GUPTA		CML	VLIAIPUR.	Do	De	22.11.202
	A SECOND	SR ENGINEER (MAINTENANCE)	CME	VLWPUR	De	Di .	02.12.202
2052 (AL BAHADUR	SK SUPERINTENDENT (STORES)	CONTRACTOR STATE OF THE STATE OF		Physical nazards (prolong operation of the		29.11.202
2389 F	PRADEEP KUMAR PORWAL	SR OFFICER (CMP)	CONTRACT & PROCUREMENT	MUAPUR	consuler	Strein on vision and backache	09.12.202
2722 F	RAMAN CHOWDHARY	DY GENERAL MANAGER (CAP)	CONTRACT & PROCUREMENT	MJAIPUR	Do Do	De	189.12.202
4545	OGENDRA SINGH	CH MANAGER (CAP)	CONTRACT & PROCUREMENT	VLIAIPUR	Dis	De:	67.12.2021
4530 5	MANJULA PUSHPENDRA SONI	SR OFFICER (CAP)	CONTRACT & PROCUREMENT	VUAPUR	Co	Og .	09.12.2021
	UBHADIP DAS	CH MANAGER (C&P)	CONTRACT & PROCUREMENT	VUAPUR	Do	Do	30.11.2021
	AVINDRA TYAGI	SR SUPERINTENDENT (CAP)	CONTRACT & PROCUREMENT	WJAIPUR	De	Do	29.11.2021
	RADEEP KUMAR BANKHEDE	SR SUPERINTENDENT (CAP)	CONTRACT & PROCUREMENT	VUAPUR.	Do .	De	27.11.202
	JAY HUMAR MEENA	MANAGER (CAP)	CONTRACT & PROCUREMENT	VUAPUR	Do	Do	
The second second second	OHTA JAIN	The state of the s	CONTRACT & PROCUREMENT	VUMPUR	Do	00	01.12.202
	ANDESH YADAV	SR OFFICER (C&P)	CONTRACT & PROCUREMENT	VIJAIPUR	Do	Os Os	06.12.202
	HANDRA PRAKASH GAUTAM	MANAGER (CAP)	CONTRACT & PROCUREMENT	VUAIPUR	Do	D0	04.12.202
	ANDURU SATYA SAI TEJA	ASSISTANT (STORE & PURCHASE)	CONTRACT & PROCUREMENT	MJAPUR	Do		08:12:7021
	ANLIEV SHARMA	SR OFFICER (C&P)	CONTRACT & PROCUREMENT	WJAIFUR	Oo Oo	Do	22.11.2021
	IREEKSHANA RAO K	ASSISTANT (STORES & PURCHASE)	CONTRACT & PROCLIREMENT	VLIAIFUR	De De	Do	02.12.2021
15119114	INCERDIANA NAUN.	SR OFFICER (C&P)	CONTRACT & PROCUREMENT	VLIAIPUR	De	Do	26.11.2021
2613 A	JESH MANI TRIPATHI	DY GENERAL MANAGER (CBR)			Physical hazards (prolong operation of the	Do .	08.12.2021
		DI GERENAL WHATMOCK (LOSK)	CORPORATE SOCIAL RESPONSIBILITY	VUAIPUR	coreputer)	Shan on vison and backachis	62 17 2021
5500 5	ATYA NATH DAIMARY	CH MANAGER (DCS)	DOCUMENT CONTROL SERVICES	A CALLES	Physical hazards grolong operation of the	***	
			BANGUMENT CONTINUE SERVICES	MIMPUR	conguter	Strain on wean and backache	08.13.2021
	ANESH RAW MEENA HANDRA KANT ARVA	DY GENERAL MANAGER (OLMING PIL)	ELECTRICAL.	CHITTORGARN	A. Chemical hazards (Explosure of hydrocerbon) B. Physical hazards (noise in work area) and prolong operation of the computer including electrical system.	Respiratory track and other inherent body parts, skin and wace. B. Hearing organ.	08.12.2021
	AM CHARAN QUIA	MANAGER (OBM)	ELECTRICAL	VUAPUR	De	Do	DC 33 500
	ARVINDER SINGH RAUNIWAL	SR ENGINEER (CAM)	ELECTRICAL.	MUNIPUR	Os		DG 13.2021
	U PRAKASH CALIN	SR ENGINEER (OLALING PIL)	ELECTRICAL	VLIAIPUR	Do		29.11.2021
	WITOSH KUMAR DWIVEDI	GENERAL MANAGER (OSM)	ELECTRICAL	VLIMPUR	Do	The state of the s	25.11.2021
	VUJ SRIVASTAVA	SR ENGINEER (O&M-NG PAL)	ELECTRICAL	VUAIPUR	De		03.12.2021
	RAVIN ASHOK PATIL	SR MANAGER (OSM - NG PIL)	ELECTRICAL	GADEPAN	De		26.11.2021
	JAY MITTAL	ENGINEER (OSM)	ELECTRICAL	MJAPUR	Do Do		01.12.2021
	REM SINGH	GENERAL MANAGER (D&M)	ELECTRICAL	MAIPUR	De		15.11.2021
	RASANTA KUMAR DAS	SR ENGINEER (OBM-NG PIL)	ELECTRICAL	VLIMPUR	Do		23.11.2021
- Contractor Street	Control of the Contro	ENGINEER (OSM)	ELECTRICAL.	VUAPUR	Do		10.11.2021
104,80006	JOHER KAMAL	CH MANAGER (NG PK, OSM)	ELECTRICAL.	VLAIPUR	100	De	04.12.2021

		The state of the s	Terrement	VUAIPUR	De	Do .	17.11.202
181 6	WWWN DEEP	SR MANAGER (DSM)	ELECTRICAL	VUAPUR	De	- Do	09.12.202
182 A	NOOP KUMAR SINGH	SENIOR MANAGER (CISM)	ELECTRICAL	VUAIPUR	Do .	De	02.12.200
483 V	ENKATEBWARLU MIDDE	MANAGER (DAM)	ELECTRICAL	VLAIPUR	Do Do	Do	01.17.202
454 L	MESH KUMAR GAUTAM	WANAGER (DAM)	ELECTRICAL.	VLIMPUR	Do Do	Do	15-11-202
887 K	ARTHIK P.U.	MANAGER (OMM)	ELECTRICAL.	VLIAPUR	De De	De	22.11.202
682 7	AJENDRA : KUMBAWAT	SR FOREMAN (OAM)	ELECTRICAL.	MJAPUR	De	Do	18.11.202
T05 5	OUNOK SARKAR	MANAGER (OSM)	ELECTRICAL		De	Do	03:12:202
annungan	IKRAM SINGH RATHORE	SR FOREMAN (O&M)	ELECTRICAL.	VUMPUR	De	Do	16.11.200
	RADEEP KUWAR GANGVIAR	MANAGER (OBM)	ELECTRICAL	VUAIPUR	De	DO	27.11.200
_	UNEET DAVE	MANAGER (ORM)	ELECTRICAL	VUAIPUR	Do	Do	04.12.200
_	HISHIR DUBEY	MANAGER (OWN)	ELECTRICAL	VUAIPUR		Do .	25.11.20
-	NKIT GDYAL	SR ENDINEER (OAM)	ELECTRICAL	VLIAIPLIR	D0	Do	02.11.70
and the second	AMAVATH SALMCHAN	SR ENGINEER (O&M)	ELECTRICAL	VLMPUR	00	De	23.11.20
VICTOR AND	RANESH KUMAR	FOREMAN (OSM)	ELECTRICAL	VUMPUR	Do	Do Do	20.11.20
_	AVI RONGALI	FOREMAN (ELECTRICAL)	ELECTRICAL.	VIJAIPUR	De	De De	24.11.20
_	THE RESIDENCE OF THE PARTY OF T	FOREMAN (ELECTRICAL)	ELECTRICAL	MUNIPUR	De		17.11.20
_	BHISHEX CHAUDHARY	FOREMAN (ELECTRICAL)	ELECTRICAL	VIJAPUN	Dis	De	16.11.20
Annual Property lies	MARJEET AGRAHARI	FOREMAN (ELECTRICAL)	ELECTRICAL	MUMPUR	D0	De	-
-	RAWEEN KUMAR PRAJAPATI		ELECTRICAL	VI_WIFUR	Do	Co	06.12.20
remode.	ZAMERIKSHA YADAV	FOREMAN (OSM)	ELECTRICAL	VIJAIPUR	Do	Do	18.11.20
_	RAVI KUMAR	FOREMAN (ELECTRICAL)	ELECTRICAL	VIJAIPUR	Do	D0	30.15.20
_	VAURAS KUMAR GANGWAR	SR ENGINEER (D&M)	ELECTRICAL	VLIAIPUR	Do	Do .	29.11.2
_	HEMANT KUMAR MAHORIA	FOREMAN (ELECTRICAL)	ELECTRICAL	VUMPUR	Qu Qu	Do	01.12.2
7610	VAYUSHI PANDEY	SR ENGINEER (OSM)		MUMPUR	Do	Do	27.11.2
1614	ONDAPALLI RADHA	SR ENGINEER(O&M)	ELECTRICAL.	MUNICIPALIN	Do.	De	24.11.2
TTM	WARNINA VERMA	SR ENDINEER (OMM)	ELECTRICAL.	MJAIPUR	Dio .	Do	08.17.3
7901	SUMTH KUMAR PUTHRAN	SR ENGINEER (NO PYL OWN)	ELECTRICAL	HIGHE UN	Physical hazards (prolong countion of the	Strein on wast, and backlacks	06.12.3
			PINANCE & ACCOUNTS	NUMPUR	pomputers	DARKI DILABITI SED DACARDIA	
4753 (VEERAJ RASTOGI	GENERAL MANAGER (FBA)	FINANCE & ACCOUNTS	VUAIPUR			08.12.2
0272	SOUB LABOR	CH MANAGER (FAA)	FINANCE & ACCOUNTS	VLIAIPUR	00	Dia	09.17.2
5790 6	RAM PRAKASH ANAMO	SR MANAGER (FAA)		VLIAIPUR	Do	Do	04.12.2
5797	SHUPESH GUPTA	SR MANAGER (F&A)	FINANCE & ACCOUNTS	VIJAIPUR	Do	00	19.11.7
6059	SAGAN NANDA	SR MANAGER (F&A)	FINANCE & ACCOUNTS	VIJAPUR	Do -	De	06.12.2
83010	WURLI MANORAR	SR ACCOUNTANT	FINANCE & ACCOUNTS		De	Do	24.11.2
	HARDIK - PANCHAL	ACCOUNTANT	FINANCE & ACCOUNTS	MUNPUR	De	Do	30.11.2
_	WANDJ KUWAJI	SR OFRICER (FAA)	FINANCE & ACCOUNTS	MUNAPUR	Do Do	Do	26,11.3
ment a finish	SLICHER KLIMAR GAUTAM	JR ACCOUNTANT	FINANCE 8 ACCOUNTS	MUMPUR		Do	02:12.2
COLUMN 	MOHIT BUCCHA	SR OFFICER (F&A)	PINANCE & ACCOUNTS	VILAPUR	Do	00	08:32.2
-	MANMOHAN MEHRA	SR OFFICER (F&A)	FINANCE & ACCOUNTS	VLAPUR	Do	00	23.11.2
_	ROHIT SINGH RAWAT	ACCOUNTS ASSISTANT	FINANCE & ACCOUNTS	VIJAIPUR	Do Do		22.11.2
		ACCOUNTS ASSISTANT (FBA)	FINANCE & ADDOUNTS	VUAIPUR	Do	00	08.12.3
_	MANOJ KUMAR BHIL	ACCOUNTS AGGISTANT	FINANCE & ACCOUNTS	VIJAIPUR	Do	De	27.11.2
_	DASHRATH BHARAT KALE	ADDOUNTS ASSISTANT	FINANCE & ACCOUNTS	VUAPUR:	Do	De	
-	PRIYANKA VERMA		FINANCE & ACCOUNTS	MUNIFUR	De	Dè	04.17.
7935	VINAY KUMAR SONI	SR OFFICER (F&A)	FINANCE & ACCOUNTS	MJAPUR	De	De	07.12
7942	TANNI BANSAL	SR OFFICER (FMA)	FIRMANCE & PROCESSOR SE	1000000	Physical hazards (prolong operation of the	Strein on vison and backache	26.11
	THE RESERVE OF THE PERSON NAMED IN COLUMN 1	SR OFFICER (FAS)	FIRE & SAFETY	WUAPUR	computer)	224000000000000000000000000000000000000	
1365	HIMANSHU HARISHANKER TRIVEDI		FIRE A SAFETY	VUMPUR	Chemical hazarts (Explosure of figinocation), B. Physical hazards (noise in work area). C. Radiation hazard (infra red. altervale) and radiation effect).	 Respiratory track and offer littleram body parts, skin and vision. B. Hearing organ. C. Radiation exposure. 	67,12
	RAM SWARDOP OJHA	SR OFFICER (FAS)	FIRE & SAFETY	VIJAIPUR.	Do	De	02.12.
1930	DURGA FRASAD NAMOA	CH GENERAL MANAGER (F&S)	The state of the s	VIJAPUR	De	De	29.11
2900	MOULINATH BHATTACHARYYA	DV GENERAL MANAGER (CONST-F&S)	FIRE & SAFETY	MJAIPUR	De	De	36:11
2937	DEVENDRA ROHILLA	SK LEADING FIREMAN (SG)	FIRE & SAFETY	MANPUR	De	De	15.11
2839	MOHAN SINGH	SR INSPECTOR (F&S)	FIRE & SAFETY		De	De	27:11
	KOMAL SHARMA	SR INSPECTOR (F&S)	FIRE & SAFETY	VIJAPUR	De	De .	01.12
	BHARAT SHARMA	INSPECTOR (FBS)	FIRE & SAFETY	VUAPUR	Dis .	De	29.11
	ATUL WASUDEORAO DANADE	DY GENERAL MANAGER (FBS)	FIRE & SAFETY	VUAPUR		Do	34.11
	RAMESH CHANDRA MEENA	BIT LEADING FIREMAN (SG)	FIRE & SAFETY	VUAIPUR	Do:	Do	18.11
	SHRIRAM MEENA	SR INSPECTOR (FAS)	FINE & BAFETY	VLIAIPUR	Do	Do .	30.33
	THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SE	SR MSPECTOR (FAS)	FIRE & SAFETY	VLAPUR	Di		04.17
	GOVINO UPADHYXY	SR LEADING FIREMAN (SG)	FIRE & BAFETY	VLMPUR	De	Do	25.13
	KRISHNA GOPAL SHARMA	SR INSPECTOR (FAS)	FIRE & SAFETY	VAJAPUR	De	Do	
	GORDHAN SINGH LODHA	SR LEADING FIREMAN (SG)	FIRE & SAFETY	VUAPUR	De	De	03.12
	KASHI RAM KIRAR					De	15.11

4969	AMAR SINGH RAJPOOT	INSPECTOR (FBS)	FIRE & SAFETY	VUAIPUR	Oe Oe	Do	08.12.20
	HART SINGH LODHA	INSPECTOR (F&S)	FRIE & BAFETY	VUAIPUR	Do .	De	20.11.20
4001	KALYAN SINGH KIRAR	BR LEADING FIREMAN (SQ)	FIRE & SAFETY	VUAIPUR	De .	Do	07.12.20
erande formation	BAINLEAL SURARIYA	INSPECTOR (FAS)	FIRE & SAFETY	VUMPUR	Do.	De	27.11.70
	LAL BAHADUR YADAV	SR INSPECTOR (F&S)	FIRE & SAFETY	MUMPUR	Do	De	26.11.20
national Bar	AKSHMI KANT PRASAD	DIFFICER (F&S)	FIRE & SAFETY	VUAPUR	Do	De	23.11.20
	SHAMIN AHMED	INSPECTOR (FAS)	FIRE & SAFETY	WIAPUR	Do.	De	09.17.2
	NDRA BINGH MEENA	INSPECTOR (FAS)	FIRE & SAFETY	VIJAPUR	De		
	Land and the same of the same	INSPECTOR (FAS)			100000	Do	17.11.2
	KADAM SINGH MEENA	The second secon	FIRE & SAFETY	VIJAPUR	De	Do	55.11.5
USERNOTE SE	CHAIN SINGH MEENA	INSPECTOR (F&S)	FIRE & SAFETY	MJAIPUR	De	Do	29.11.2
_	PRASANTA KUMAR GOGOF	SR LEADING FIREMAN (SG)	FIRE & SAFETY	VIJAIPUR	De	Do	20.1L2
	PARAG GOGOI	SR LEADING FIREMAN (SG)	FIRE & SAFETY	VIJAPUR	De	Do .	04.12.2
_	PHANJAL GOGO!	INSPECTOR (FAS)	FIRE & SAFETY	VLIAIPUR	De	Cri Cri	03.12.2
5010 U	JUJAL KUMAR GOOCE	BR LEADING FIREMAN (SG)	FIRE & SAFETY	VLAIPLIR	Do	Co	08.12.2
5635 J	IOY CHANDRA RAJKONWAR	SR INSPECTOR (FAS)	FIRE & SAFETY	VUAIPUR	Do	Do	02.12.2
5638 M	MANURANJAN PHUKON	OFFICER (FBB)	FIRE & SAFETY	VLIAIPUR	De	Do	16.31.2
5706 A	ASHWAM KUMAR SHUKLA	LEADING FIREMAN	FINE & SAFETY	VLAIPUR	Do.	D0	28.11.2
6717 R	RP SHARATH CHANDRA KUMAR	CH MANAGER (F&S)	FIRE & SAFETY	VLIMPUR	Ds	Do	06.12.2
market and the	RATHWA MALSINGBHAI NATUBHAI	BR FIREMAN	FIRE & SAFETY	VLIMPUR	Do	Do.	01.12.2
A Print Print Print Print	ARUN KUMAR	SR FIREMAN	FIRE & SAFETY	VUMPUR	00	Do	17.11.2
	MANLEET SNIGH	JR FIREMAN	FIRE & SAFETY	VUAPUR	Do	De	26.11.2
	RPIT SHRIVASTAVA	SR MANAGER (F&S)	FIRE & BAFETY	VUAPUR	00	De De	
_		SR MANAGER (F&S)	FIRE & BAFETY	-	1150		30.11.2
	MAYANK DEV	The state of the s		VUAPUR	D0	De	22.11.7
	SACHN VERMA	SR MANAGER (FAS)	FIRE & SAFETY	VIJAIPUR	Do	De	24.11.7
	OMPRAKASH TULARAM SHARMA	CH MANAGER (FBS)	FIRE & SAFETY	MARIA	Do	De	03.12.2
ACCRES AND ADDRESS OF THE PARTY AND ADDRESS OF	MUKESH KUMAR LODHA	JR FIREMAN	FIRE & SAFETY	VIJAPUR	De	De	06.12.7
	VANISH BHARDWAJ	SR OFFICER (FBS)	FIRE & SAFETY	MJAPUR	Do	Do	04.12.2
17670 P	PRATIK RAJESH KAMBLE	SR OFFICER (F&S)	FIRE & SAFETY	VIJAPUR	Do	De De	25.11.2
17770 R	RISHI PANDEY	SR OFFICER (F&S)	FIRE & SAFETY	MUMPUR	Do.	Do	17.11.7
7795 A	MAND MOHAN YADAV	SR OFFICER (F&S)	FIRE & BAFETY	YUAPUR	De	Oo Oo	20.11.2
	IANJEEV KUMAR	DY GENERAL MANAGER (GALTEL-TC)	GALTEL.	VLMPUR	A. Chemical hazards (Equipure of hydrocarbon). B. Physical hazards (hoise in work area), and prolong operation of the computer.	A. Respiratory track and offser inherent body parts, skin and velon. B. Hearing organ.	04.32.2
	AUKUL SINGH	SR MANAGER (GAILTEL, T/M)	GAILTEL	VLIAIPUR	De	Do	25.11.20
7675 16	ARSHIT JAIN	SR ENGINEER (GAILTEL-TC)	GALTEL	VLIAPUR	Do	Do	01.12.2
1474 B	MARULAL SHIKARI	SR FOREMAN (OLM)	GAS OKM	VLMPUR	A. Chemical hazards (Explosure of hydrocarbon) B. Physical hezards (noise in work area) and prolong operation of the computer.	A. Respiratory track and other inherent body parts, shirt and vision. It. Hearing organ.	25.11.20
1606 5	AJENORA KUMAR SHARMA	SR ENGINEER (CAM)	GAS DAM	VIJAPUR	Do .	De	27.11.25
4845 M	MANNU LAL SURARIYA	JR ENGINNER (D&M)	GAS OWN	WUAPUR	Do	De .	15.11.2
6107 5	IDOHARTH JAIN	MANAGER (O&M)	GAS OSM	5-0-18-201-00		The state of the s	•
description of the last	The state of the s			TVVARREDIE.	De	130	
	ANCEPAN MAKHAL	SR FOREMAN (O&M)		VUAPUR	De De	De De	•
SERVIC	AMERIPAN MAKHAL MKAR SINGH PORTE	SR FOREMAN (OSAN) SR FOREMAN (OSAN)	CAS OSM	VIJAPUR	De	De	18.11.2
	ANDIPAN MAKHAL MKAR SINGH PORTE KEVENDRA KUMAR PANDEY	SR FOREMAN (OSM) SR FOREMAN (OSM) SR ENGNEER (OPU OPERS)			Do Do A. Chemical hazards (Espissare of hydrocarbor) S. Physical hazards (mase in work area) and prolong-operation of the	Ds D	30 11.20 18.11.20 16.11.20 07.12.20
1624 (3	AKAR SINGH PORTE	SR FOREMAN (OSW)	GAS OBM GAS OBM	VIJAPUR VIJAPUR	Do Do A. Chemical herards (Explosure of hydrocarbon). B. Physical herards (notes in	Ds Do A Respratary track and other interest body parts, skin and vision. 8.	18.11.2 16.11.2 07.12.2
1624 DI 2452 N	NKAR SINGH PORTE SEVENDRA KUMAR PANDEY I BALASUBRAMANAM	SR FOREMAN (OSM) SR ENGNEER (GPU OPERS) GENERAL MANAGER (GPU OPERATIONS)	GAS OBM GAS OBM GAS PROCESSING UNIT GAS PROCESSING UNIT	VIJAPUR VIJAPUR VIJAPUR VIJAPUR	Do Do Do A. Chemical hazards (Explosure of hydrocarbon) B. Physical hazards (mass in work area) and prolong operation of the computer. Del	Ds Do Do A. Respiratory track and other interest body parts, skin and vision. 8. Hearing organ. Do	18:11.2 16:11.2 07:12.2
1624 DI 2452 N 2592 VI	NKAR SINGH PORTE EVENDRA KUMAR PANDEY I BALASUBRAMANAM TVEK RANJAN	SR FOREMAN (OSM) SR ENGINEER (GPU OPERS) GENERAL MANAGER (GPU OPERATIONS) CH MANAGER (GPU OPERATIONS)	GAS OBM GAS OBM GAS PROCESSING UNIT GAS PROCESSING UNIT GAS PROCESSING UNIT	VIJAPUR VIJAPUR VIJAPUR VIJAPUR VIJAPUR	Do Do A. Chemical hazards (Explosure of hydrocarbon) B. Physical hazards (make in work area) and prolong operation of the computer. De De	Ds De De A. Respiratory track and other interest body parts, skin and vision. 8. Hearing organ. De De	18.11.2 16.11.2 07.12.2 01.12.2
1624 CX 2452 TN 2592 V1 2640 A3	NKAR SINGH PORTE EVENDRA KUMAR PANDEY I BALASUBRAMANIAM TVEK RANJAN SHWANI KUMAR SINGH	SR FOREMAN (OSM) SR ENGINEER (GPU OPERS) GENERAL WANAGER (GPU OPERATIONS) CH MANAGER (GPU OPERATIONS) CH MANAGER (GPU OPERATIONS)	GAS OBM GAS OBM GAS PROCESSING UNIT GAS PROCESSING UNIT GAS PROCESSING UNIT GAS PROCESSING UNIT	VUAPUR VUAPUR VUAPUR VUAPUR VUAPUR VUAPUR	Do Do A. Chemical hazards (Explosure of hydrocarbon) B. Physical hazards (mass in work area) and prolong operation of the computer. Do: Do: Do:	De De De A. Respiratory track and other interest body parts, skin and vision. S. Hearing organ. De Do Do	18 11.2 16 11.2 07.12.2 01.12.2 08.12.2 17.11.2
1624 DI 2452 N 2592 VI 2640 AJ 2856 CI	NKAR SINGH PORTE EVENDRA KUMAR PANDEY BALISUBRAMANIAM TYEK RANJAN SINGAN KUMAR SINGH HAMPAT LAL	SR FOREMAN (OSM) SR EAGREER (GPU OPERS) GENERAL MANAGER (GPU OPERATIONS) CH MANAGER (GPU OPERATIONS) CH MANAGER (GPU OPERATIONS) ENGINEER (GPU OPERATIONS)	GAS OBM GAS OBM GAS PROCESSING UNIT	VIJAPUR VIJAPUR VIJAPUR VIJAPUR VIJAPUR VIJAPUR VIJAPUR VIJAPUR	Do Do A. Chemical histarita (Explosure of hydrocarbon) B. Physical histarita (mose in work area) and prolong operation of the computer De De Do Do	De De De A. Respiratory track and other inferrors body parts, skin and vision. 8. Hearing organ. De De Do Do Do	18.11.2 16.11.3 07.12.3 01.12.3 08.12.3 17.11.3 18.11.3
3624 DI 2452 NI 2592 VI 2640 AI 2896 CI 2913 H	NKAR SINGH PORTE EVENDRA KLIMAR PANDEY BALASUSRAMANIAM TVEK RANLAN SHWANI KLIMAR SINCH HAMPAT LAL LANGRAJ MESHRAM	SR FOREMAN (OSM) SR ENGREER (OPU OPERS) GENERAL MANAGER (GPU OPERATIONS) CH MANAGER (OPU OPERATIONS) CH MANAGER (OPU OPERATIONS) ENGINEER (OPU OPERATIONS) GENERAL MANAGER (OSM-GPU)	GAS OBM GAS OBM GAS PROCESSING UNIT	VIJAPUR VIJAPUR VIJAPUR VIJAPUR VIJAPUR VIJAPUR VIJAPUR VIJAPUR	Do Do A. Chemical hazarta (Explosure of hydrocarbon) B. Physical hazarda (mose in work area) and prolong operation of the computer Do Do Do Do Do	De De De A. Respiratory track and other inferrent body parts, skin and vision. 8. Hearing organ. De	18 11.2 16 11.3 07.12.2 08.12.2 17.31.2 18.11.2 23.11.3
1624 DI 2452 N 2592 VI 2640 AJ 2856 DI 2913 H 4034 M	NKAR SINGH PORTE EVENDRA KUMAR PANDEY EALASUBRAMANIAM TVEK RANJAN SHANAN KUMAR SINGH HAMPAT LAA. IANBRAT MEBHRAM IUKESH KUMAR VERMA	SR FOREMAN (OSM) SR ENGREER (GRU OPERS) GENERAL MANAGER (GPU OPERATIONS) CH MANAGER (GPU OPERATIONS) CH MANAGER (GPU OPERATIONS) ENGINEER (GPU OPERATIONS) GENERAL MANAGER (OSM-GPU) SR ENGINEER (GPU OPERATIONS)	GAS DAM GAS DAM GAS PROCESSING UNIT	VIJAPUR	Do Do A. Chemical hazarta (Explosure of hydrocarbon) S. Physical hazarda (mose in work area) and prilong operation of the comparier. Do Do Do Do Do Do Do	De De De A. Respiratory track and other inferrent body parts, skin and vision. 8. Hearing organ. De De De De De De De De	18 11.2 16 11.2 07.12.2 01.12.2 08.12.2 17.11.2 18.11.2 23.11.2 04.12.3
9624 (D 2452 N 2592 V 2640 A 2856 (D 2913 H 4234 M 4058 P	NAKAR SINGH PORTE EVENDRA KUMAR PANDEY I BALASUBRAMANIAM TUEK RANJAN SINGHAMAT SINGH HAMPAT LAL ANGRAJ MESHRAM IUKESH KUMAR VERMA RAKASH LAMMAN PATIL	SR FOREMAN (OSM) SR ENGINEER (GPU OPERS) GENERAL MANAGER (GPU OPERATIONS) CH MANAGER (GPU OPERATIONS) ENGINEER (GPU OPERATIONS) ENGINEER (GPU OPERATIONS) SR ENGINEER (GPU OPERATIONS) ENGINEER (GPU OPERATIONS)	GAS DAM GAS DAM GAS DAM GAS PROCESSING UNIT	VIJAPUR	Do Do A. Chemical hazards (Explosure of hydrocarbon) B. Physical hazards (mass in work area) and prolong operation of the computer. Do Do Do Do Do Do Do Do	De De De De A. Respiratory track and other inferent body parts, skin and vision. 8. Hearing organ. De	07.12.1 07.12.1 07.12.1 08.12.1 18.11.2 23.11.2 04.12.3 15.11.1
3624 D 2452 N 2592 V 2592 V 2640 A 2696 D 2913 H 4034 M 4058 P 6752 R	NAKAR SINGH PORTE EVENDRA KUMAR PANDOY TVEK RAKUAN SINKANI KUMAR SINCH HAMPAT LAL ANGRA MESHRAM RAKASH LAMAR VERMA RAKASH LAMAR PATIL KUHARA KUMAR SONI	SR FOREMAN (OSM) SR ENGREER (GPU OPERS) GENERAL WANAGER (GPU OPERATIONS) CH MANAGER (GPU OPERATIONS) CH MANAGER (GPU OPERATIONS) ENGINEER (GPU OPERATIONS) GENERAL WANAGER (OSM-GPU) SR ENGINEER (GPU OPERATIONS) ENGINEER (GPU OPERATIONS) SR MANAGER (GPU OPERATIONS)	GAS DAM GAS DAM GAS PROCESSING UNIT	VUAPUR	Do Do A. Chemical hazards (Explosure of hydrocarbon) B. Physical hazards (mase in work area) and prolong operation of the computer. Do Do Do Do Do Do Do Do Do	De De De A. Respiratory track and other interest body parts, skin and vision. S. Hearing organ. De De De De De De De De	07.12.2 07.12.2 07.12.2 08.12.3 15.11.2 04.12.3 15.11.2 08.12.3
1624 D 2452 N 2592 V 2592 V 2640 A 2856 D 2913 H 4034 M 4058 P 6752 R 6869 R	NKAR SINGH PORTE EVENDRA KUMAR PANDEY BALISUBRAMANIAM TVEK RANIAN SINKARI KUMAR SINGH HAMPAT LAL BANSRAJ MESHRAM LIKESH KUMAR VERMA RAKASH LAKMAN PATR. ALENDRA KUMAR SING AM KUMAR	SR FOREMAN (OSM) SR EAGREER (OPU OPERS) GENERAL WANAGER (GPU OPERATIONS) CH MANAGER (OPU OPERATIONS) ENGINEER (OPU OPERATIONS) ENGINEER (OPU OPERATIONS) SR ENGINEER (OPU OPERATIONS) ENGINEER (OPU OPERATIONS) SR MANAGER (OPU OPERATIONS) SR MANAGER (OPU OPERATIONS) DY GENERAL MANAGER (OPU OPERATIONS)	GAS OBM GAS OBM GAS OBM GAS PROCESSING UNIT	VUAPUR	Do Do A. Chemical historia (Explanate of hydrocerton) B. Physical historida (mase in work area) and prolong operation of the computer De De De Do	De De De A. Respiratory track and other inferrent body parts, skin and vision. S. Hearing organ. De De De De De De De De De	07.12.1 07.12.1 07.12.1 08.12.1 18.11.1 18.11.1 18.11.1 04.12.1 15.11.1 08.12.2 06.12.2
1624 D 2452 N 2592 VI 2592 VI 2640 A 2856 D 2913 H 4034 M 4036 PI 6752 R 6809 R 6566 A	NKAR SINGH PORTE REVENDRA KLIMAR PANDEY I BALASUBRAMANIAM TVEK RANLAN SHAVAN KUMAR BINCH HAMPAT LAL IANBRAJ MESHRAM ILIKESH KUMAR VERMA RAKASH LAXIMAR PATIL AMENDA KUMAR SONG AM KUMAR KUMAR SONG AM KUMAR NIL GOPINATH	SR FOREMAN (OSM) SR ENGREER (OPU OPERS) GENERAL MANAGER (GPU OPERATIONS) CH MANAGER (OPU OPERATIONS) CH MANAGER (OPU OPERATIONS) ENGINEER (OPU OPERATIONS) SR ENGINEER (OPU OPERATIONS) SR ENGINEER (OPU OPERATIONS) ENGINEER (OPU OPERATIONS) SR MANAGER (OPU OPERATIONS) DY OENERAL MANAGER (OPU OPERATIONS) CH MANAGER (OPU OPERATIONS)	GAS DAM GAS DAM GAS DAM GAS PROCESSING UNIT	VUAPUR	Do Do A. Chemical hazarts (Explosure of hydrocarbon) B. Physical hazarts (explosure of hydrocarbon) B. Physical hazarts proses in work area; and prolong operation of the computer De De De De Do Do Do Do Do Do Do Do	De De De A. Respiratory track and other interest body parts, skin and vision. S. Hearing organ. De De De De De De De De	07.12. 07.12. 01.12. 08.12. 19.11. 18.11. 19.12. 19.11. 19.12. 19.12. 19.12. 19.12.
1624 D 2452 N 2592 V1 2640 A 2856 D 2913 H 4234 M 6258 P1 6752 R 6809 R 6608 S	INKAR SINGH PORTE REVENDRA KUMAR PANDEY REALASUSRAMANIAM TVEK RANJAN SINVANI KUMAR SINCH HAMPAT LAL ANISRAJ MESHRAM RUKESH KUMAR VERMA HAKASH LAUMAN PATIL ALIENDRA KUMAR SONE ANI KUMAR NIL GOPPATH UJIT BURAGOHAIN	SR FOREMAN (OSM) SR EAGREER (OPU OPERS) GENERAL WANAGER (GPU OPERATIONS) CH MANAGER (OPU OPERATIONS) ENGINEER (OPU OPERATIONS) ENGINEER (OPU OPERATIONS) SR ENGINEER (OPU OPERATIONS) ENGINEER (OPU OPERATIONS) SR MANAGER (OPU OPERATIONS) SR MANAGER (OPU OPERATIONS) DY GENERAL MANAGER (OPU OPERATIONS)	GAS OBM GAS OBM GAS OBM GAS PROCESSING UNIT	VUAPUR	Do Do A. Chemical historia (Explanate of hydrocerton) B. Physical historida (mase in work area) and prolong operation of the computer De De De Do	De De De A. Respiratory track and other inferrent body parts, skin and vision. S. Hearing organ. De De De De De De De De De	18.11. 16.11. 07.12. 08.12. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11. 18.11.
9624 D 2452 N 2592 V 2640 A 2856 D 2913 H 4234 M 4258 P 4752 R 4869 R 5546 A 6628 S	NKAR SINGH PORTE REVENDRA KLIMAR PANDEY I BALASUBRAMANIAM TVEK RANLAN SHAVAN KUMAR BINCH HAMPAT LAL IANBRAJ MESHRAM ILIKESH KUMAR VERMA RAKASH LAXIMAR PATIL AMENDA KUMAR SONG AM KUMAR KUMAR SONG AM KUMAR NIL GOPINATH	SR FOREMAN (OSM) SR ENGREER (OPU OPERS) GENERAL MANAGER (GPU OPERATIONS) CH MANAGER (OPU OPERATIONS) CH MANAGER (OPU OPERATIONS) ENGINEER (OPU OPERATIONS) SR ENGINEER (OPU OPERATIONS) SR ENGINEER (OPU OPERATIONS) ENGINEER (OPU OPERATIONS) SR MANAGER (OPU OPERATIONS) DY OENERAL MANAGER (OPU OPERATIONS) CH MANAGER (OPU OPERATIONS)	GAS DAM GAS DAM GAS DAM GAS PROCESSING UNIT	VUAPUR	Do Do A. Chemical hazarts (Explosure of hydrocarbon) B. Physical hazarts (explosure of hydrocarbon) B. Physical hazarts proses in work area; and prolong operation of the computer De De De De Do Do Do Do Do Do Do Do	De De De A. Respralary track and other inferrent body parts, skin and vision. 8. Hearing organ. De	18.11.2 16.11.3 07.12.2 01.12.3 08.12.3 15.11.2 08.12.3 15.11.2 08.12.3 08.12.2 08.12.2 08.12.2 15.11.2
1624 D 2452 N 2592 N 2596 D 2640 A 2656 D 4034 M 4038 P 4752 R 4058 P 4752 R 4058 R 5566 A 5566 A	INKAR SINGH PORTE REVENDRA KUMAR PANDEY REALASUSRAMANIAM TVEK RANJAN SINVANI KUMAR SINCH HAMPAT LAL ANISRAJ MESHRAM RUKESH KUMAR VERMA HAKASH LAUMAN PATIL ALIENDRA KUMAR SONE ANI KUMAR NIL GOPPATH UJIT BURAGOHAIN	SR FOREMAN (OSM) SR ENGREER (OPU OPERS) GENERAL MANAGER (SPU OPERATIONS) CH MANAGER (SPU OPERATIONS) CH MANAGER (SPU OPERATIONS) ENGINEER (SPU OPERATIONS) SR ENGINEER (SPU OPERATIONS) SR ENGINEER (SPU OPERATIONS) SR MANAGER (SPU OPERATIONS) SR MANAGER (SPU OPERATIONS) CH MANAGER (SPU OPERATIONS) CH MANAGER (SPU OPERATIONS) ENGINEER (SPU OPERATIONS)	GAS DAM GAS DAM GAS PRIDCESSING UNIT GAS PROCESSING UNIT	VIJAPUR	Do Do Do A. Chemical hazards (Explosure of hydrocarbon) S. Physical hazards (mose in work area) and prolong operation of the computer. De De De Do	De De De A. Resprakery track and other inferrent body parts, sisn and vision. 8. Hearing organ. De	18 11.2 16 11.2 07.12.2 01.12.2 08.12.2 17.11.2 04.12.2 15.11.2 04.12.2 08.12.2 08.12.2 15.11.2 08.12.2 15.11.2
1624 D 2452 N 2592 N 2593 A 2856 A 4034 M 4038 P 6752 R 6809 R 5546 A 5546 A 5560 N	NKAR SINGH PORTE EVENDRA KUMAR PANDEY I BALASUBRAMANIAM IVEK RAMJAN SINVANI KUMAR SINCH HAMPAT LAI, ANGRAJ MESHRAM ILKESH KUMAR SINCH ALENDRA KUMAR SONE AM KUMAR NIL GOPNATH UJIT BURAGOHAIN RASHANTKUMAR RAMESHCHANDRA PAWAR ITIN JAIN	SR FOREMAN (OSM) SR ENGREER (GPU OPERS) GENERAL MANAGER (GPU OPERATIONS) CH MANAGER (GPU OPERATIONS) CH MANAGER (GPU OPERATIONS) ENGINEER (GPU OPERATIONS) SR ENGINEER (GPU OPERATIONS) SR ENGINEER (GPU OPERATIONS) SR MANAGER (GPU OPERATIONS) DY GENERAL MANAGER (GPU OPERATIONS) DH GENERAL MANAGER (GPU OPERATIONS) CH MANAGER (GPU OPERATIONS) ENGINEER (GPU OPERATIONS) CH MANAGER (GPU OPERATIONS)	GAS DAM GAS DAM GAS DAM GAS PROCESSING UNIT GAS PROCESSING UNIT	VUAPUR	Do Do A. Chemical hazards (Explosure of hydrocarbon) B. Physical hazards (mase in work area) and prolong operation of the computer. Do Do Do Do Do Do Do Co Co Co Co Co Co	De De De A Respiratory track and other interest body parts, skin and vision. 8. Hearing organ. De	18 11.2 16 11.2 07.12.2 01.32.2 08.12.2 17.31.2 15.31.2 04.12.2 15.11.2 08.12.2 08.12.2 15.11.2 08.12.2 15.11.2 07.12.3 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.2 16.12.
1624 D 2452 N 2592 V 2592 V 2640 A 2896 D 2913 H 4034 M 4058 P 6752 P 6608 A 5546 A 5546 A 5546 A 5546 A 5546 A 5546 A	INKAR SINGH PORTE REVENDRA KUMAR PANDEY REALASUBRAMANIAM TVEK RANJAN SINVANI KUMAR SINCH HAMPAT LAL ANGRAJ MEBHRAM RUKESH KUMAR VERMA HAKASH LAUMAN PATIL AJENDRA KUMAR SON AM KUMAR MIL GOPNATH UJIT BURAGCHAIN RASHANTKUMAR RAMESHCHANDRA PAWAR	SR FOREMAN (DSM) SR ENGREER (GPU OPERS) GENERAL WANAGER (GPU OPERATIONS) CH MANAGER (GPU OPERATIONS) ENGINEER (GPU OPERATIONS) ENGINEER (GPU OPERATIONS) SR ENGINEER (GPU OPERATIONS) SR ENGINEER (GPU OPERATIONS) SR MANAGER (GPU OPERATIONS) DY DENERAL MANAGER (GPU OPERATIONS) CH MANAGER (GPU OPERATIONS) ENGINEER (GPU OPERATIONS) CH MANAGER (GPU OPERATIONS) CH MANAGER (GPU OPERATIONS) SR MANAGER (GPU OPERATIONS) SR MANAGER (GPU OPERATIONS)	GAS DAM GAS DAM GAS PRIDCESSING UNIT GAS PROCESSING UNIT	VIJAPUR	Do Do Do A. Chemical hazards (Explosure of hydrocarbon) S. Physical hazards (mass in work area) and prolong operation of the computer. De Do	De De De A. Resprakery track and other inferrent body parts, sisn and vision. 8. Hearing organ. De	18 11.2 16 11.2 07.12.2 01.12.2 08.12.2 17.11.2 04.12.2 15.11.2 04.12.2 08.12.2 08.12.2 15.11.2 08.12.2 15.11.2

	SHASHANK CHATURVEOI	MANAGER (GPU-OPERATIONS)	GAS PROCESSING UNIT	WJAIPUR:	De-	Co Co	22.11.20
	SUDHEER KUWAR	MANAGER (GPU-OPERATIONS)	GAS PROCESSING UNIT	VUAIFUR	Del	Do	15-11-20
	MUKESH KUMAR MEENA	MANAGER (GPI-OPERATIONS)	GAS PROCESSING UNIT	VUAIPUR	Del	00	16.11.20
	DMPRAKASH SONI	MANAGER (GPU OPERATIONS)	GAS PROCESSING UNIT	VUAIFUR	De	00	18:11.20
	RAU RAUN M	MANAGER (GPU-OPERATIONS)	GAS PROCESSING UNIT	VUAIPUR	De	Do .	34.11.20
	K. HANMANTHU	MANAGER (GPU OPERATIONS)	GAS PROCESSING UNIT	VUAPUR	De	00	02.12.20
	MUKEBH KUMAN	MANAGER (SPU OPERATIONS)	QAS PROCESSING UNIT	VUMPUR	De	Do	04.12.20
	UMA SHANKAR	BR FOREMAN (GPU OPERATIONS)	GAS PROCESSING UNIT	VIJAIPUR	De	Du	23.21.20
_	TANMAY PANDEY	BR ENGINEER (GPU OPERATIONS)	GAS PROCESSING UNIT	MUAIPUR	De	Ü0	25.11.70
	SANLAY VERMA	SR ENGINEER (GPU OPERATIONS)	GAS PROCESSING UNIT	VUAIPLIN	De	Eio	15.11.20
17423	DEEPAK KUMAR PATEL	SR ENGINEER (GPU OPERATIONS)	GAS PROCESSING UNIT	VUAIFUE	De	- 00	17:11.20
17636	ANMOL BOHANE	SR ENGINEER (GPL/ OPERATIONS)	GAS PROCESSING UNIT	VUMPUR	De	Do .	24.11.20
17639	MAYANK GARG	SR ENGINEER (OPU OPERATIONS)	GAS PROCESSING UNIT	VIJAIPUR	De	Do	20.11.20
17652	PRANSHI RASTOGI	SR ENGINEER (OPU OPERATIONS)	GAS PROCESSING UNIT	VUAIFUR	De	Do	16 11.2
17683	RAJABOINA LIMESH	SR ENGINEER (GPU OPERATIONS)	GAS PROCESSING UNIT	MUNIFUR	De	Do	18.11.2
17693	SATYENDRA PANDEY	SR ENGINEER (GPU OPERATIONS)	GAS PROCESSING UNIT	MANPLIN	De	Do .	22.11.2
_	JALANDHRAN M	SR ENGINEER (GPU OPERATIONS)	GAS PROCESSING UNIT	VIJAPUN.	De	Do	09.12.2
	and other state at	an Engineer for a Chancitonal	Gra Processino die:	Viantrum.	A. Chemical hazards (Explosure of		
17771	SANTOSH S	SP ENCINEER (ENVIRONMENT)	HEALTH SAFETY & ENVIRONMENT	MUAPUR	hydrocarbon). B. Physical fazants prese in work area): and prolong operation of the computer.	Respiredary track and other interests, body parts, skin and vision, B. Hearing organ	2931.20
1000	BEST KARLES TO THE TOTAL OF THE STATE OF THE		National Control of the Control of t	102102000	Physical hazards (prolong speration of the	March of the Control of the Control	Commence of
437	AJAYKUMAR BHALCHANDRA GAJARE	DY GENERAL MANAGER [HR]	HUMAN RESOURCES	MUNIFUR	computed	Strain an vison and backache	08.12.20
480	R P TANWAR	EXECUTIVE SECRETARY	HUMAN RESOURCES	VUAPUR	De	Do	23.11.2
1367	MUKESH KUMAR SAHU	SUPERINTENDENT (HR)	HUMAN RESDURCES	VUAPUR.	De	Do .	22.11.2
1401	VISHNU DUTT SHARMA	SR MANAGER (HR)	HUMAN RESOURCES	VUAIFUE	De	Do .	30.11.2
1478	RAM SINGH BHIL	SUPERINTENDENT (HR)	HUMAN RESOURCES	WJAIPUR	De	Do -	23.11.2
1554	SURDNORA SINGH	MANAGER (MS)	HUMAN RESOURCES	VUAPUR	Botegical hazards (Explosure of infected patient, surgical and indical waste generated). E. Physical hazaras (proling speration of the computer) C. Radiation hazard (X-Ray machine)	A Biological displayers. B Visionary defects. C. Radiation exposure.	09.12.2
1871	DHIRENDRA KUMAR JAIN	CH GENERAL MANAGER (HR)	HUMAN RESOURCES	VUAPUR	Physical hazards (prolong operation of the computer)	Strain on visori and backache	03.12.2
1886	HAMME SINGH RAGHUWWISH	UR SUPERINTENDENT IMEDICAL BERVICESI	HUMAN RESOURCES	WAPLE	Ricitegical hazards (Explosure of infected patient surgical and medical waste generated. If Physical hozards (prolong operation of the computer) C. Radiation hazard (A-Ray machine)	A. Biological dieseases. B. Visionary defects. C. Radiation exposure	23.11.20
	YOGENDRA SINGH TOMAR	SR OFFICER (MEDICAL SERVICES)	HUMAN RESOURCES	VUAPUR	Dil	Do	01.12.2
4514	SINGHA LAL BHIL	OFFICER (HR-OL)	HUMAN RESOURCES	VUAIPLE	Physical hazards (prolong speration of the computer)	Strain on vision and backastre	27.11.2
	CHAIN SINGH	SR WARD PERSON CUM DRESSER (SG)	HUMAN RESCURCES	WJAPLE	A. Biological hazarts (Explosure of infected patient, surgical and medical weate generators). D. Physical hazarts (protong operation of the computer) C. Radiation hazard (M-Ras machine).	A Biological dieseases. B. Visionary defects. C. Radiation exposure	25112
11000	A STATE OF THE PARTY OF THE PAR		THE PERSON NAMED OF THE PE	450 All to 100 All to			
4644	MAYA DASHRATH MADAVI	SR WARD PERSON CUM DRESSER (SG)	HUMAN RESOURCES	WUAIPUR	De	Do	A CONTRACTOR OF THE PARTY
4790	ROSHNE TOPPO ENKA		THE PERSON NAMED OF THE PE	VUMPUR	De	Do	24.11.2
4790	ROSHNE TOPPO EHKA	SR WARD PERSON CUM DRESSER (SG)	HUMAN RESOURCES		The state of the s		24.11.2
4790 4896	ROSHNE TOPPO ENKA	SR WARD PERSON CUM DRESSER (SG) OFFICER (PARAMEDICAL SERVICES)	HUMAN RESOURCES HUMAN RESOURCES	VUMPUR	De	Do	24.11.2 29.11.2
4644 4790 4896 5017	ROSHNE TOPPO ENKA SAJAN JAJME	SR WARD PERSON CUM DRESSER (9G) OFFICER (PARAMEDICAL SERVICES) BR WARD PERSON CUM DRESSOR(8G)	HUMAN RESOURCES HUMAN RESOURCES HUMAN RESOURCES	MJAPUR MJAPUR	Do Do	Do Do	24 11.2 29 11.2 06 12.2
4790 4896 5017 5057	ROSHNE TOPPO EIKA SAJAN JAJME OR: DHAVANAPALLY SHANKAR KALPANA DAIMARY	SR WARD PERSON CUM DRESSER (9G) OFFICER (PARAMEDICAL SERVICES) SR WARD PERSON CUM DRESSORISO) CH MANAGER (MEDICAL SERVICES) MANAGER (MEDICAL SERVICES)	HUMAN RESOURCES HUMAN RESOURCES HUMAN RESOURCES HUMAN RESOURCES HUMAN RESOURCES	MJAPUR MJAPUR MJAPUR MJAPUR	De De De De	Do Do Do	24 11.2 29 11.2 06 12.2 02 12.2
4644 4796 4896 5017 5057 5103	ROSHNE TOPPO EKKA SAJAN JAJME DR. DHAVANAPALLY SHANKAR KALPANA DAIMARY DT.RANJAN KUMAR PRADHAN	SR WARD PERSON CUM DRESSER (90) OFFICER (PARAMEDICAL SERVICES) BR WARD PERSON CUM DRESSORISO) CH MANAGER (MEDICAL SERVICES) MANAGER (MEDICAL SERVICES) DY GENERAL MANAGER (MEDICAL SERVICES)	HUMAN RESOURCES HUMAN RESOURCES HUMAN RESOURCES HUMAN RESOURCES HUMAN RESOURCES HUMAN RESOURCES	MJAPUR MJAPUR MJAPUR MJAPUR MJAPUR	De D	Do Do	24 11.2 29 11.2 06 12.2 02 12.2 07.12.2
4896 5017 5057 5103	ROSHNE TOPPO EKKA SAJAN JAJME OR: DHAVANAPALLY SHANKAR KALPANA DAJMARY DYRANIJAN KUMAR PRADHAN DY. BHOLA NATH UPADKYAY	SR WARD PERSON CUM DRESSER (90) OFFICER (PARAMEDICAL SERVICES) SR WARD PERSON CUM DRESSORISO) CH MANAGER (MEDICAL SERVICES) MANAGER (MEDICAL SERVICES) DY GENERAL MANAGER (MEDICAL SERVICES) MANAGER (HR)	HUMAN RESOURCES HUMAN RESOURCES HUMAN RESOURCES HUMAN RESOURCES HUMAN RESOURCES HUMAN RESOURCES	VIAPUR VIAPUR VIAPUR VIAPUR VIAPUR	De De De De De De Physical hazards (prolong speration of the competer)	Do Do Do Do Do Strein on vision and bedkache	24 11.2 29 11.2 06 12.2 02 12.2 07 12.2
4644 4796 4896 5017 5097 5103 8568 11002	ROSHRE TOPPO EKKA SAJAN JAJME OR DHAVANAPALLY SHANKAR KALPANA DAIMARY O'RANJAN KUMAR PRADHAN DI: BHOLA NATH UPADHYAY BRU MOHAN TIWARI	SR WARD PERSON CUM DRESSER (SG) OFFICER (PARAMEDICAL SERVICES) SR WARD PERSON CUM DRESSORISG) CH MANAGER (WEDICAL SERVICES) MANAGER (MEDICAL SERVICES) DV GENERAL MANAGER (MEDICAL SERVICES) WANAGER (HR) SR MANAGER (HR)	HUMAN RESOURCES	WIAPUR WIAPUR WIAPUR WIAPUR WIAPUR WIAPUR	De De De De De Physical hocards (prolong speration of the toerpute) De	Do Do Do Do Do Do Do Do Do	24 11.2 29 11.3 06 13.3 02 12.2 07 12.3 02 12.2
8644 4796 4896 5017 5087 5103 8968 11002 15412	ROSHE TOPPO EKKA SAJAN JAJME DR. DHAVANAPALLY SHANKAR KALPANA DAMBARY DT.RANJAN KUMAR PRADHAN DI: BHOLA NATH UPADHYAY BRU MCHAN TIWARI SHITIKANTHA DAS	SR WARD PERSON CUM DRESSER (90) OFFICER (PARAMEDICAL SERVICES) SR WARD PERSON CUM DRESSORISO) CH MANAGER (MEDICAL SERVICES) MANAGER (MEDICAL SERVICES) DY GENERAL MANAGER (MEDICAL SERVICES) WANAGER (HR) SR MANAGER (HR) CH MANAGER (HR)	HUMAN RESOURCES	VJAPUR VJAPUR VJAPUR VJAPUR VJAPUR VJAPUR VJAPUR VJAPUR	De De De De De De De Physical hazards (prolong speration of the competer) De A. Belogical hazards (Explosure of infected patient, surgical and medical waste generation). B. Physical hazards (poteng operation of the computer) C. Radiation	Do Do Do Do Do Strein on vision and backache Do Do	24 11.2 29 11.3 06 12.2 02 12.2 07 12.2 02 12.2 26 11.3
4644 4796 4896 5017 5087 5103 8566 11002 15412	ROSHE TOPPO EKKA SAJAN JAJME OR. DHAVANAPALLY SHANKAR KALPANA DAIMARY OY.RANJAN KUMAR PRADHAN OY. BRUJANATH UPADHYAY BRUJ MCHAN TIWARI SHITIKANTHA CAS	SR WARD PERSON CUM DRESSER (90) OFFICER (PARAMEDICAL SERVICES) BR WARD PERSON CUM DRESSORISO) CHAMANGER (MEDICAL SERVICES) MANAGER (MEDICAL SERVICES) DV GENERAL MANAGER (MEDICAL SERVICES) WANAGER (HR) BR MANAGER (HR) CH MANAGER (HR) SR PHYSIOTHERAPIST	HUMAN RESOURCES	VJAPUR VJAPUR VJAPUR VJAPUR VJAPUR VJAPUR VJAPUR VJAPUR VJAPUR	De De De De De De Physical hacands (prolong speration of the tomputer) De A. Belogical hazanta (Explosure of infected patient, surgical and medical waste generated). B. Physical hazanta (Explosure of infected patient, surgical and medical waste generated). B. Physical hazanta (Explosure of Infection operation of the computer) C. Radiation hazanta (Explosures gnotong speration of the	Do Do Do Do Do Strein on vision and backache Do Do A. Biological decession. 6. Visionary	24 11.2 29 11.2 06 12.2 02 12.2 07 12.2 02 12.2 26 11.3 27 11.2
4644 4796 4886 5017 5087 5103 8568 11002 15812 15866 15866	ROSHE TOPPO EKKA SAJAN JAJME OR DIAWANAPALLY SHANKAR KALPANA DAMARY OTRANJAN KUMAR PRADHAN DI: GHOLA NATH UPADHYAY BRU MCHAN TIWARI SHITIKANTHA CAS AMET RANJAN	SR WARD PERSON CUM DRESSER (90) OFFICER (PARAMEDICAL SERVICES) BR WARD PERSON CUM DRESSORISO) CH MANAGER (MEDICAL SERVICES) MANAGER (MEDICAL SERVICES) DY GENERAL MANAGER (MEDICAL SERVICES) WANAGER (HR) BR MANAGER (HR) CH MANAGER (HR) SR PHYSIOTHERAPIST SR SORTER MAIL	HUMAN RESOURCES	NJAPUR NJAPUR NJAPUR NJAPUR NJAPUR NJAPUR NJAPUR NJAPUR NJAPUR	De De De De De De De Physical hazards (prolong speration of the comparer) De A. Belogical hazards (Explosure of infected patient, surgical and medical waste generated. B. Physical instants (prolong operation of the computer) C. Radiation hazard (X-Ray machine Physical riskspares generation of the computer)	Do Do Do Do Do Strein on vision and backache Do Do A. Biological decession. B. Veronery defects C. Rediellon exposure	90 11.20 24 11.20 29 11.20 06 12.20 07 12.20 07 12.20 27 11.20 27 11.20 27 11.20 27 11.20
4644 4796 4896 5017 5057 5103 8569 11022 15412 15866 15867 16002	ROSHE TOPPO EKKA SAJAN JAJME OR. DHAVANAPALLY SHANKAR KALPANA DAIMARY OY.RANJAN KUMAR PRADHAN OY. BRUJANATH UPADHYAY BRUJ MCHAN TIWARI SHITIKANTHA CAS	SR WARD PERSON CUM DRESSER (90) OFFICER (PARAMEDICAL SERVICES) BR WARD PERSON CUM DRESSORISO) CHAMANGER (MEDICAL SERVICES) MANAGER (MEDICAL SERVICES) DV GENERAL MANAGER (MEDICAL SERVICES) WANAGER (HR) BR MANAGER (HR) CH MANAGER (HR) SR PHYSIOTHERAPIST	HUMAN RESOURCES	VJAPUR VJAPUR VJAPUR VJAPUR VJAPUR VJAPUR VJAPUR VJAPUR VJAPUR	De De De De De De Physical hacands (prolong speration of the tomputer) De A. Belogical hazanta (Explosure of infected patient, surgical and medical waste generated). B. Physical hazanta (Explosure of infected patient, surgical and medical waste generated). B. Physical hazanta (Explosure of Infection operation of the computer) C. Radiation hazanta (Explosures gnotong speration of the	Do Do Do Do Do Strein on vision and backache Do Do Do A. Biological decession. 6. Veronery defects. C. Radiation exposure	24 11.2 29 11.2 06 12.2 02 12.2 07 12.2 02 12.2 26 11.3 27 11.2

17316	рег мекна патнор	MANAGER (MEDICAL SERVICES)	HUMAN RESOURCES	VUAPUR	Biological fecures (Explosure of Infects potent, surgical and readical waste presented). B Physical hazards (proton) operation of the tempotent C. Fractation hazard (X-Ray machine).	A Riological dieseates B. Visionary defects C. Radiation exposure	08.12.2021
17355	SWABHIMAN PATRA	SR OFFICER (HR)	HUMAN RESOURCES	WJAPUR.	Physical hazards (prolong operation of the	Strein on vison and backach	01.12.2021
17458	DNYA G V	JR SUPERINTENDENT (HR)	HUMAN RESOURCES	MIAIPUR	Do Do	Do .	-
17478	MOHD FARHAN	SR OFFICER (HR)	HUMAN RESOURCES	MUMPUR	De	Do	07.12.2021
17095	TUSHAR RANJAN MALLIK	CH MANAGER (HR)	HUMAN RESOURCES	VUAPUR	De	00	29.11.2021
17701	ANIL KUMAR SHAW	OFFICER (OL)	HUMAN RESOURCES	VIJAPUR	Do	De	04.17.2021
17711	SUMIT KUMAR MANDAL	SR OFFICER [HR]	HUMAN RESOURCES	VUNPUR	Do	De	09 12 2021
	PRAMOD KUMAR SHUKLA	SR ENGINEER (DAM)	INSTRUMENTATION	VUAIPUR	A. Chemical hazards (Explosure of hydrocentury) S. Physical hazards (noise if work area), and prolong operation of the computer.	A Bandratan took and other ordered	
	JAI PRAKASH SHARMA	SR ENGINEER (O&M)	INSTRUMENTATION	VUAFUR.	Do	De	09.12.2021
	SAMTOSHIO,MAR, JAIN	CH MANAGER (O&M - NG P/L)	INSTRUMENTATION	GADEPAN	Do	De	04.12.2021
	SANUEEV KLIMAR BINOH	BR ENGINEER (DAM-NG P/L)	INSTRUMENTATION	MJAPUR	Do	Do	30.11.2021
	MAHAWEER PRASAD MARATHA	SR ENGINEER (OLM-NG P/L)	INSTRUMENTATION	KOTA DOM TRUE	Do	Do	36.11.2021
	NAND LAL MEENA	ENGINEER (NG P/L OBA)	INSTRUMENTATION	KOTA DOM TRME	Do	00	15.13.2025
	CENESH KUMAR VERMA	SR MANAGER (OBM-NG PIL)	INSTRUMENTATION	VLIAIPUR	Do .	00	25.11.2021
enal Arbitalia	VIPINEHAI CHANDUBHAI VASAVA	BR ENGINEER (GPU O&M)	INSTRUMENTATION	VLIAIFUR	Do	00	26.11.2021
THE REAL PROPERTY.	CHANCRESH PARSEDIA	SR MANAGER (NO PYL OSA)	PASTRUMENTATION	VLAIPUR	Do	Do	18.11.2021
	NIKHIL KAPOOR	SR MANAGER (GMM)	INSTRUMENTATION	VLMIPLIR	On	Do	29.11.2021
-	MAYANK YERMA	SR MANAGER (ONA)	INSTRUMENTATION	VUAIPUR	00	Do	28.11.7071
	GANPATEHAI HARKHAIIHAI ROHIT	SR TECHNICIAN (OBM)	INSTRUMENTATION	VUMPUR	Do	De	01.12.2021
	GIRITHARAGOPAL K.	MANAGER (D&M)	INSTRUMENTATION	MUMPUR	Do	Do	07.12.2021
	SRI RAM D.	MANAGER (OSM)	INSTRUMENTATION	MUAIPUR	De	Do	17.11.2021
	ASHAM KUMAR	MANAGER (DEM)	INSTRUMENTATION	MIMPUR	De	Sio	24.11.3023
encolocular.	ABRIKAY SINGHI	MAYAGER (OLM)	INSTRUMENTATION	MUMPUR	De	00	27.11.2021
	DHANNAN SINGH	BR FOREMAN (OSV)	INSTRUMENTATION	VUAPUR	Do	Do	08.12.2021
	ASIF SAYED	SR FOREMAN (O&W)	INSTRUMENTATION	VIJMPUR	Do	Do	17.11.2021
	SURENDRA KLMAR SHARMA	WANAGER (OSM)	INSTRUMENTATION	VLAIPUR	Do	De	20 11 2021
	NISHANT KULSHRESHTHA	WANAGER (CAM)	INSTRUMENTATION	VUAPUR	Oo.	Do	02.12.2021
-	NEERAJ JANGID	WANAGER (O&M)	INSTRUMENTATION	VLMPUR	Do Do	Do	22.11.3001
	ARUN MOHAN NAIR	SR ENGINEER (OSM)	INSTRUMENTATION	VUAIPUR.	De	Do	01.12,2021
_	BARVESH KUMAR SINGH	FOREMAN (INSTRUMENTATION)	INSTRUMENTATION	VUAIPUR	De	Do	04.12.2021
minute service of	VINAY KUWAR YADAV	FOREMAN (INSTRUMENTATION)	INSTRUMENTATION	VIJAPUR	De	Do	15.11.2021
17109	SANDEEP SINGH	FOREMAN (INSTRUMENTATION)	INSTRUMENTATION	VIJAIPUR	De	Do	09.12.2021
	MANOJ KUMAR	POREMAN (INSTRUMENTATION)	INSTRUMENTATION	MANPUR	Ds	Do	16.11.2021
17115	DULSHAN RAMESHCHANORA BADJATIA	SR ENGINEER (D&M)	INSTRUMENTATION	VIJAPUR	Do	Do	26.11.2021
F7165]8	KAGESH MUKESH PHULPAGAR	SR ENGINEER (OBM)	INSTRUMENTATION	VLJUPUR	Do	De	18.11.2071
7190 4	WSHA	SR ENGINEER (C6M)	INSTRUMENTATION	VLAIPUR	00	De-	06.12.2021
17236 8	SHUBHAM SHANKER	SR ENGINEER (D&M)	PASTRUMENTATION	VLAIPUR	Do .	De	23.11.2021
reconstruction and the	AVEK KUMAR MISHRA	FOREMAN (INSTRUMENTATION)	INSTRUMENTATION	VLIABUR	Do	De	22.11.2021
	SHWETA OLBEY	SR ENGINEER (O&V)	INSTRUMENTATION	VUAPUR	Do	De	25.13.2021
_	MONA SINGH	SR ENGINEER (OSM)	INSTRUMENTATION	WJAPUR	Do	Do	27.51.2021
-	ANALISH HOLMAR	SR ENGINEER (C&W)	INSTRUMENTATION	VIJAPUR	Do	Do.	15.11.2025
17783	CHIMAYA CHIMARA	FOREMAN (INSTRUMENTATION)	INSTRUMENTATION	VIAPUR	De	Do .	30.11.2021
	RADHE SHYAM MEENA	SR ENGINEER (LABORATORY)	LABORATORY	VIJAIPUR	A. Chemical hazards (Explosure of hydrocarbon and other chemicals) II. Physical hazards (baser Aumination).	Respendany track and other inherent body organa, akin and vision,	23.11.3021
_	ALAN CHAUDHARY	MANAGER (LAS)	LABORATORY	VLIMPUR	Do	De	27.11.2021
	BUP KUMAR SENGUPTA	CH MANAGER (LABORATORY)	LABORATORY	VLMPUR	Do	De	04.13.3001
rischer Grande Gr	MAL RAMILN VERLAI	ENGINEER/LABORATORY)	LABORATORY	VLIAIPUR	Do	De	18.11.3071
	RAJESH WOD	ENGINEER(LABORATORY)	LABORATORY	VLIAIPUR	Do	Do .	20.11.2021
	A SUBRAMANI	SR MANAGER (LABORATORY)	LABORATORY	VUAPUR	D0	Do	02.12.2021
	KRISHWAKUMAR	MANAGER (LAB)	LABORATORY	VIJAPUR	Do	Do	24.11.2021
RUNDED	IR RAKSHIT KUMAR THAKKAR	SR OFFICER (LABORATORY)	LABORATORY	MJAIPUR	De	Do	15.11.2021
1385 S	HANKAR RAD KUMBHARE	MANAGER (OBM)	MECHANICAL.	VILAIPUR	A. Chemical hazards (Explosure of hydrocarbon). B. Physical hazards, pose in work and in and prolong operation of the computer. C. Nadiation hazard (into red. attiavoiet and radiation effect).	A. Respiratory thack and other inherent body parts, with and utson. B. Healing organ.	September 1

1406	RADHEY SHYAM MEENA	MANAGER (NG PAL OSM)	MECHANICAL	GAGEPAN	00	De	27.11.2021
	RANGLAL THE	SR FOREMAN (DBM)	MECHANICAL	MJAPUR	00	De	17.11.2021
manufacturing and the second	TELESPHORE XXXA	SR ENGINEER (OAM)	MECHANICAL	MUMPUR	Do.	De	24.11.2023
1399		SR ENGINEER (OAM)	MECHANICAL	VIJAIPUR	Do Do	De	16.11.202
_	SHIV NARAYAN DHAKAD	SR ENGINEER (OBM)	MECHANICAL	MUNIPUR	Do	De	20.11.202
	RAVINDRA RAD WORE	BR ENGINEER (CAMING PA.)	MECHANICAL	VIJAPUR	Do	Do	23.11.2023
		The second contract of	MECHANICAL.	MUAPUR	Do	De	18.11.245
	UDAY SINGH PANDRO	SR ENGINEER (OMM)	MECHANICAL	VUAPUR	Do	Do	09:12 2021
	THADIUS LAKRA	SR ENGINEER (OSM)	MECHANICAL	VUAPUR	Do	Do	06.12.2021
	H CHANDRASEKARAN	GENERAL MANAGER (OBM-NO PIL)	and the state of t	VUAPUR	Do	De	30.11.202
-	ALCK KUMAR VERMA	DY GENERAL MANAGER (OSM)	MICHANICAL	The second second second second	De	De	09.12.202
5008	ELECTRONIC PROPERTY OF THE PROPERTY OF	SR MANAGER (O&VI)	MECHANICAL	VUNPUR	Do	De	62.12.202
	BHASKAR JYOTI GOGOI	ABST ENGINEER (O&M)	MECHANICAL	VLAPUR	CONTRACTOR CO.	De .	04.12.202
8008	AMOL RAMCHANDRAJI PACHGHARE	DY GENERAL MANAGER (OBM-NG P/L)	MECHANICAL	VLAPUR	Do	De De	29.11.202
8070	NITIN VITTHALRAO NIMJE	DY GENERAL MANAGER (OSM)	MECHANICAL	VLIAIPUR	Do		07.12.202
15113	DHIRENDRA YADAV	CH MANAGER (O&M)	MECHANICAL	VUAPUR	Do	De	THE RESERVE AND PARTY.
15121	MANISHA SONKUSALE	CH MANAGER (OSM)	MECHANICAL	VUMPUR	Do Do	De De	01.12.202
15347	VINAY KUMAR SINGH	SR MANAGER (OWN)	MECHANICAL	VIJAPUR	D0	De	17.11.202
15457	SANT SWAROOP	SR FOREWAN (OAM)	MECHANICAL	VIJAIPUR	D0	Ds	16.11.202
	MOHAMMAD ASHRAF MANSCORE	SR FOREWAN (OSW)	MECHANICAL	VUAIPUR	De	De	30.11.292
	AMRESH BEDAN	SR MANAGER (OBM)	WECHANICAL	VIJAPUR	Do	De	08.12.232
	RAMESH CHANDRA BHUPESH	SR MANAGER (CONSTRUCTION)	MECHANICAL	VLIAIPUR	Da -	De	18.11.202
THE PERSON NAMED IN	PANKAJ SHARMA	SR MAHAGER (D&M)	MECHANICAL	VIJAPUR -	Do.	De	20.11.202
THE RESIDENCE OF THE PARTY OF T	NRANLIAN G.T.	SR MANAGER (DAM)	MECHANICAL	WAMPUR	D0	De	24.11.202
THE RESERVE AND ADDRESS OF THE PERSON AND AD	SANSON AND TAXABLE SANSON AND TA	SR MANAGER (D&M-NG P/L)	MECHANICAL	WJAIPUR	Do Do	De	25.11.202
	VINAY RAHAR		MECHANICAL.	RUPLALIV	De	De	22 11 202
	YUVRAJ SINGH	MANAGER (OLVI)		VIJAPUR	Do	Do	23.11.202
-	PRATEEK GOEL	MANAGER (O&M)	MECHANICAL	WIAPUR	De	Do	02.12.202
	HARSHVARDHAN SINGH RAJAWAT	MANAGER (DAM)	MECHANICAL		De	Do	01.12.200
	JAI KUMAR MAURYA	SR FOREMAN (D&M)	MECHANICAL	VUAPUR	De	Do	15.11.202
17149	KAMCHANDRA SINGH	FOREMAN (MECHANICAL)	MECHANICAL	WUAPUR	111111	Do .	05.12.202
17575	ABHUEET VERMA	SR ENGINEER (NG P/L O6M)	MECHANICAL	VUAPUR	De		15.11.702
17197	DUSMANTA KUMAR NAIK	SR ENGINEER (MECHANICAL)	MECHANICAL	VUAPUR	Do	De	
17204	PARASHURAM CORAKSHANATH BHALERAD	JR ENGINEER (OBM)	MECHANICAL	VLWPUR	D6	Do .	29.11.202
17218	DHANANJAY KUMAR	SR ENGINEER (MECHANICAL)	MECHANICAL	VIJAIPUR	D6	Do	27.11.202
17410	RAHUL SINGH	SR ENGINEER (OMM-NG PA.)	MECHANICAL	PUPINUTY	De De	De	26.11.202
	SHIKHAR JAIN	SR ENGINEER (OSM)	MECHANICAL	VLIAIPUR	De	De	20.11.202
-	NIKHE RAIPLIT	SR ENGREER (OSM)	WECHANICAL	VLIAIPUR	Do.	Do.	22.11.202
THE RESERVE AND ADDRESS.	MOHAMMED TAVIOHEER ALAM	SR ENGINEER (OSM)	MECHANICAL	VUMPUR	Do.	Du-	04.12.202
VEHS/NAME OF	YOGESHKUMAR HAMIRBHW BHOLA	SR ENGINEER (MECHANICAL)	MECHANICAL	VUMPUR	00	De De	08.13.200
1338			OK CELL	MANPUR	Physical hozards (prolong operation of the computer)	Strein on vision and bookache	96 12 200
1.120	NARENDRA KUMAR NAGAR	SR FOREMAN (OSAN)	OF CELL	Black up	A Chemical hazards (Englosure of	MENERS TO THE REAL PROPERTY.	
					Bydrocarbon) S. Phesical hazards (Hoise III	A. Respiratory track and other inherent	16.00
	The state of the s	and the second second second second	A STATE OF THE STA		seark area) and prolong operation of the	body parts, ekin end vision. D.	27.11.200
10.19	CONTRACTOR CONTRACTOR	construction and the construction of	NAME OF THE OWNER OWNER OF THE OWNER OWNE	Common .	computer.	Hearing organ.	1000
1514	SHYAM SUNDER AGRAINAL	EXECUTIVE DIRECTOR (D&M-CR)	DIC CELL	VLIAIPUR	A. Chemical hazards (Explosure of	Market Control Inches Control Control	
-, (0)	05/00/01/04/00/02/01/05/05	CONTROL TO SALESTA COLOR	AND ADDRESS OF THE PARTY OF THE		hydrocarbon) B. Physical hozards incise in	A, Respiratory track and other inherent	Section 16
	THE RESERVE OF THE PARTY OF THE		A STATE OF THE STA	VV210000	work area) and prolong operation of the	body parts, skin and vision. III.	08.12.200
+000	AD HALL MOMEST DATED	SR ENGINEER (NG P/L OSM)	OPERATIONS	VUMPUR	computer.	Hearing organ	
	ARJUN JASMAT PATEL	The state of the s	DPERATIONS	VUAPUR	Do	De	02.12.70
	ANNIAR ALAM	CH MANAGER (GPU OPERATIONS)	OPERATIONS	VUAPUR	Cla	De.	06.12.20.
-	SANDESH ANANT PADWAL	ENGINEER (GPU OPERATIONS)	OPERATIONS	VUAIPUR	Da	De	25.11.20
	CHARLIDATTA BALRAM KHARAWALE	ABBT ENGINEER (SPL/ OPERATIONS)	The state of the s	VUAPUR	Do	De	29.11.20
- Control of the last of the l	SANJEEV NAYAN SHARMA	DY GENERAL MANAGER (GPU OPERATIONS)	OPERATIONS	The state of the s	De	Do	07:12:20
4816	JI MARIA THOMAS	DY GENERAL MANAGER (OSM-GPU OPERATIONS)	OPERATIONS	VLAPUR		De	01.12.20
4922	BRIJENDRA KUMAR	GENERAL MANAGER (GPU CIPERATIONS)	OPERATIONS	VLIMPLIR	Do	1040/2	30.11.20
5623	PARASHMONI CHANGKAROTY	ASST ENGINEER (GPU OPERATIONS)	OPERATIONS .	VLMPUR	De	Do	
5629	DIGANTA BORJAH	JR ENGINEER (SPU OPERATIONS)	OPERATIONS.	VLMMUR	De	De .	23.11.20
4437	PRANUAL BORDAH	ASST ENGINEER (GPU OPERATIONS)	OPERATIONS	VLIAIPJR	De:	Do.	29.11.20
2027	RAJIB PAIR	DY GENERAL MANAGER (GPU OPERATIONS)	OPERATIONS	VLIAPUR	De.	Do	03,32.20
		The state of the s	OPERATIONS	VIJUIPUR	De De	Di	D4.12.20
3100	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	CH MANAGER (GPU OPERATIONS):	Tark and the common and			-	02.12.20
8185	YOGESH SINOH	CH MANAGER (GPU OPERATIONS) FOREMAN (GPU OPERATIONS)	THE RESERVE THE PROPERTY OF TH	VIJAPUR	De.	De	
8159 8185 15548	YOGESH SINCH RAGHUYEER SINGH KIRAR	FOREMAN (GPU OPERATIONS)	OPERATIONS .	VUAPUR VUAPUR	De De	Da	
8185 15548 18671	YOGESH SINDH RAGHUVEER SINGH KIRAR TARUWAMIL MAHESHWARII	FOREMAN (GPU OPERATIONS) SR MANAGER (GPU OPERATIONS)	OPERATIONS OPERATIONS	VILIABUR		111/17	24.11.20
8185 15548 18671	YOGESH SINGH RAGHLIVEER SINGH KIRAR TARUW ANL MAHESHWARI SICHANT	FOREMAN (GPU OPERATIONS)	OPERATIONS .		De De	Da	24.11.20 17.11.20 20.11.20

18353 AMIT KUMAH	MANAGER (CHEMICAL)	OPERATIONS	VUMPUR:	De	De	01.12
16303 SRIGIRI NAGABABU	MANAGER (OPU-OPERATIONS)	OPERATIONS.	VUAIPUR	Di	De	27.11
16632 DHIRENDRA KUMAR	SR FOREMAN (GPU OPERATIONS)	OPERATIONS	VUAPUR	00	Do	26.11.
16835 VIVEK SHIRLA	SR FOREMAN (DAM)	OPERATIONS	VUAIPUII	00	Do	16.11
16636 VIVEK YADAV	SR FOREMAN (D&M)	OPERATIONS	VIJAPUR	D0	00	08.12
16637 SANJAY KUMAR PRAJAPATI	SR FOREMAN (O&M)	OPERATIONS	MJAPUR	De De	Do	20.11
16638 ALEEM KHAN	SR FOREWAY (OLM-GPU)	OPERATIONS	VUAPUR	Do	Do	16.13
16639 RAJ KUMAR	SR FOREMAN (O&M)	OPERATIONS	VUMPUR	De	Do	15.11
19643 JAIPRAKASH MEERA	SR FOREMAN (OMM)	OPERATIONS	VLIMPUR	De	Do	17.11
18644 RISH KUMAR DWIVEDI	SR FOREMAN (OBM)	OPERATIONS	VLMPUR	De	Do	22.11
HOGAS WINLESH KLIMAR	SR FOREMAN (OSM)	OPERATIONS	VUAIPUR	De	Do	23.11
19649 DAYALU	SR FOREMAN (GPU OPERATIONS)	OPERATIONS .	VLIMPUR	De		
16700 HARISH, CHANDRA	SR FOREMAN (OSM)	OPERATIONS	VUMPUR	De .	De	29.11
16727 NEERAJ MEENA	MANAGER (OMI)	OPERATIONS	VIJAPUR		De	74.11
16751 ANIRBAN SISWAS	SR FOREMAN (GPU/OPERATIONS)	OPERATIONS .	VIJAPUR	Do .	Du .	06.12
16764 ANKIT SHRIVASTAVA	MANAGER (OSM)	OPERATIONS .	The Contract of the Contract o	De	Ot .	04.12
16042 ANKUR BHALLA	MANAGER (CHEMICAL)		MANPUR	Do	Do	06.12
16943 AMIT KUMAR	MANAGER (CHEMICAL)	OPERATIONS	MJAPUR	00	Os	26.11
17060 VISHAL SINGH CHAUHAN	SR ENGINEER (CHEMICAL)	OPERATIONS	MJAPUR	Çio.	Do.	22.11
17181 VARRISHINU	The state of the s	OPERATIONS	VIJAPUR	Dis	Do	03.12
17217 DHARNENDRA SINGH MEENA	SR ENGINEER (GPU OPERATIONS)	OPERATIONS	VLIAIPUR	De	D6	07.12
17225 KLRAL	FOREMAN (OBM)	GPERATIONS	VLIMPUR	De	Dé	01.12
17234 PINTU JAIN	SR ENGINEER (GPU OPERATIONS)	OPERATIONS .	VUAPUR	Do	De	16.13
VENEZUE BERNESONO.	BR ENGINEER (GPU OPERATIONS)	OPERATIONS .	VUAPUR	Do	De	102.12
17235 RAHUL VIJAY	SR ENGINEER (GPU OPERATIONS)	OPERATIONS	VLAIPUR	Do	Do Do	15.11
17254 AWINASH BHARTI	SR ENGINEER (GPU OPERATIONS)	OPERATIONS .	VIJAIPUR	Do	De	18.11
7282 PANNA LAL	JR ENGINEER (CHEMICAL)	OPERATIONS	VIJAIPUR	Der	Do	27.11
7513 WHEET KUMAR	FOREMAN (CHEMICAL)	OPERATIONS	VUAPUR	00	Do	25.11
7853 BURRA BHUVANA	SR ENGINEER (GPU OPERATIONS)	OPERATIONS	VIJAIPUR	Do	Oo Oo	30.11
1379 BALRAM PATKOAR	SIT ENGINEER (NG PIL DEM)	OPERATIONS & MAINTENANCE		A Chemical hazards (Explosure of flyshocarbon) IS Physical hazards (noise in work sexus) and prolong operation of the	A. Respiratory track and other inherent body ports, skin and vision. B. Hearing organ,	09.12
1420 ARVIND BYWAR	CH GENERAL MANAGER (D&M)		VLAMUR	computer	1,500,000,000,000	
1427 R D MEENA	SR ENGINEER (OBM - NG P/L)	OPERATIONS & MAINTENANCE	VLAPUR	Do	Dio.	D4.12
1562 ANE SHARWA	BR ENGINEER (OSM-NG P(L)	OPERATIONS & MAINTENANCE	ANTA	Do	De	18.11
1577 BAW MILAN KOR	SR ENGINEER (OSM)	OPERATIONS & MAINTENANCE	MUNIPUR	Do	Do	24.13
1601 RUPESH DUTT HARIT	SR MANAGER (DAM)	OPERATIONS & MAINTENANCE	VIJAPUR	Do .	Oo Oo	26.11
1675 MUNENDRA KUMAR PRATAP		OPERATIONS & MAINTENANCE	VIJAIPUR	D6	Do:	03.12
The state of the s	WANAGER (BIS)	OPERATIONS & MAINTENANCE	VLIAIPUR	De	Do	07.12
1895 SHASHI KUMAR GAIGAWALE	BR ENGINEER (DBM)	OPERATIONS & MAINTENANCE	VUAIPUR	Do	Do	02.12
1697 LAXME NARAYAN CUHA	SR ENGINEER (OLM)	OPERATIONS & WAINTENANCE	VIJAIPUR	De	Do	01.12
ROS PRAVEER KUMAR	CH GENERAL MANAGER (O&M-HV2)	OPERATIONS & WAINTENANCE	VUAIPUR	De	Do	01.12
1247 HARI RAM MEENA	[CH MANAGER (D&M)	OPERATIONS & MAINTENANCE	VLAIPLR	De	De	20.11
2666 RAMESH PARIHAR	DY GENERAL MANAGER (OSM)	OPERATIONS & MAINTENANCE	VUAPUR	Do	De	23.11
730 R ALCY MARKUS ANTONY	DY GENERAL MANAGER (DSM)	OPERATIONS & MAINTENANCE	VUAPUR	Do	Do	06.32
ISSS SATYA NARAYAN MEENA	ENGINEER (OWN)	OPERATIONS & MAINTENANCE	WHAPLE	Dis	De	17.11
500 VARA PRASAD SSRV GORTH	CENERAL MANAGER (OWM)	OPERATIONS & MAINTENANCE	MJAIPLR	Do	Do	30.11
1013 AILESH RAGHUNATH NAIK	FOREMAN (GPU OWN)	OPERATIONS & MAINTENANCE	MUNIPUR	Do	Do	20.11
037 SUNL RAMCHANDRA THAKUR	ENGINEER (NG P/L OBM)	OPERATIONS & MAINTENANCE	VIJAPUR	De	Do Do	STEEL STREET,
530 RAJIV KHURANA	DY GENERAL MANAGER (OLM - NG PVL)	OPERATIONS & MAINTENANCE	VIJAIPUR	De		23.11
548 BALRAJ PARSHOTTAMBHAI DABHI	DY GENERAL MANAGER (OBM-GPU)	OPERATIONS & WAINTENANCE	VLIAIPLIR	De	Do	29.11
651 KESHAV GAUR	SR MANAGER (C&M)	OPERATIONS & MAINTENANCE	VLIAIPLIR		Do	22.11.
631 RAVI AGRAWAL	DY GENERAL MANAGER (OLA)	OPERATIONS & MAINTENANCE		De	Do	18.11
094 ASHOK KUMAR KHATIK	CH MANAGER (O&M)	OPERATIONS & MAINTENANCE	VLIAIPUR	De	De	25.11
216 TARAKESWAR CHARRABORTY	CH MANAGER (C&M)	The second secon	VIJAIPUR	Do .	De	24.11
346 AJAY KIJMAR TRIPATHI	CH MANAGER (RIMG)	OPERATIONS & MAINTENANCE	VIJAPUR	Do .	Do	16.11
52HOM PRAKASH DAU	MANAGER (OSM)	OPERATIONS & MAINTENANCE	VUAPUR	D0	Do .	03.12
845 SANJEEV KUMAR	SR OPERATOR (OSM-GPU)	OPERATIONS & MAINTENANCE	VIJAPUR	Do .	Do	27.11
DEC ANKIT	The state of the s	OPERATIONS & MAINTENANCE	MARIE	Do .	Do	15.11
197 BANDEEP AGRAWAL	SR MANAGER (OSM-CML)	OPERATIONS & MAINTENANCE	VLIAIPUR	De	Do.	02.12
THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED AND ADDRESS O	SR MANAGER (DSM - GPU DPER.)	OPERATIONS & MAINTENANCE	VUMPUR	De	Do	26.11
354 RAVINDRA PAL SINGH	MANAGER (O&M)	OPERATIONS & MAINTENANCE	VLIMPUR	De	Do	08.12.
G40 ANAND SHUKLA	MANAGER (OLM)	OPERATIONS & MAINTENANCE	VUMPUR	De	Do	15.11.
	SR FOREMAN (OSM)	OPERATIONS & MAINTENANCE	VLAFUR	De .	De	17.11.2
9853 MITHUN MANNA	THE PROPERTY OF THE PROPERTY O		Alfahit, Par	100		
963 MITHUN MANNA 1662 BISWAJIT ROUTH 1765 LAXMI NARAYAN SAINI	SR FOREMAN (DBM) SR FOREMAN ING PS, OBM)	OPERATIONS & MAINTENANCE	VIJAPUR	Dia .	Do .	30.11.2

17089	RAMAKRISHNA MULLAPUDI	SR ENGINEER (OM)	OPERATIONS & MAINTENANCE	HUMAUN	Do	Do .	15.11.2021
10000	GANGADHARA CHAITANYA KABINA	SR ENGINEER (NG P/L O&M)	OPERATIONS & MAINTENANCE	VIJAPUR	Do	Do Do	25.11.2021
	UDITYA BAYAN	SR ENGINEER (CAN)	OPERATIONS & MAINTENANCE	VUAPUR	Do .	De	25.11.2021
1000	ARUP KUMAR MANDAL	GENERAL MANAGER (OLM)	PIPELINE	VUAIPUR.	A. Chemical hazards (Explosure of Ingotocarbon) B. Physical hazards (note in work area) and protong operation of the computer.	A. Respectacy track and other inherent tody parts, skin and vision. B. Hearing organ.	01.13.302
1320	SANTOSH KUMAR MALI	WORKMAN GRD IV	PIPELINE	VLIAIPUR	Do	Do	22.11.202
1470	MOHAN PRASAD KHANAI	UR SUPERINTENDENT (HR)	MPELINE	ANTA	Do.	De	24.11.202
1704	CHHOTU LAL MEENA	MANAGER (OSMING PS.)	PIPELINE	GADEPAN	De	De	27.11.300
	SHANKAR DAYAL SHARMA	UR ENGINEER (D&M)	PIPELINE	VUAIPUR	De	De	17.11.202
MANAGEMENT	BHAVIN MARESHKUMAR JADAWALA	BR ENGINEER (DBM)	PIPELINE	VUAPUR	Do	Do	18.11.200
1090	PADMANAEH R FANSE	DY GENERAL WANAGER (CONSTRUCTION)	PROJECT	MUNIPUR	A. Chemical hazards (Explorate of hydrocystem) 8. Physical hazards (wase in york area) and protong operation of the computer. C. Padiation hazard (JrNa led. altravolet and radiation affect)	Respiratory track and other inhonent body parts, skin and vision. S. Heading organ	27.11.202
	SURAJ SINGH	CH MANAGER (GPU OPERATIONS)	PROJECT	VIJAPUR	De	D0	37.11.202
_	RAMESH CHAND OCUMA	CH MANAGER (CONSTRUCTION)	PROJECT	VIJAIPUR	Do	Do	18.11.207
	MUKESH KUMAR GAUR	GENERAL DRAFTSMAN	PROJECT	MUAPUR	Do	Do.	16.11.303
_	RAM BALLYADAV	DY GENERAL MANAGER (CONSTRUCTION)	PROJECT	VUAPUR	Do	Do	24.11.20
	ASHISH KUMAR MISHRA	DY GENERAL MANAGER (CONSTRUCTION)	PROJECT	VUAPUR	Do	Do	20.11.20
	RATAN DAS	GENERAL MANAGER (CONSTRUCTION)	PROJECT	VUAPUR	Do:	Do	22.11.20
	KABASH CHANDRA DWIVEDI	DY GENERAL MANAGER (CONSTRUCTION)	PROJECT	VUAPUR	De:	Do	25.11.20
	WUKESH KUMAR	SR MANAGER (CONSTRUCTION)	PROJECT	VUAPUR	Dé	Do	15,11.20
1000	NAGARAJ GURUSWAMY	GENERAL MANAGER (SECURITY)	SECURITY	VUAPUR	Physical histaris (prolong operation of the computer)	Strain on vison and backactive	03.12.70
	MKRAMADITHYA V.	OFFICER (SECURITY)	SECURITY	VUMPUR	Do	Do	02.32.20
0.00	ABHAY KUMAR MCHANTY	DV GENERAL MANAGER (VIGILANCE)	VIGILANCE	VLAPUR	Physical hazards (prolong operation of the computer)	Stylin on Hison and backache	03.12.20

Point-wise Compliance Status of Conditions under Environmental Clearance accorded to Dahej - Vijaipur Pipeline (2002)					
5. No.	Details of Conditions under Environmental Clearance	Status of Compliance			
Α	General Conditions				
1	The Project Authority must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	We will strictly adhere to the stipulations made by the State Pollution Contro Board and the State Government.			
2	There will be no change in the Pipeline route, design, capacity without the prior approval of this Ministry.	There will be no change in the Pipeline route, design, capacity without the prior approval of this Ministry			
3	During the project construction phase, adequate care must be exercised for protection to public life, wildlife, forest, power line, buildings etc. in the vicinity of Pipeline and in consonance with local government regulations.	Adequate care has been made during the project construction phase for protection to public life, wildlife, forest, power line, buildings etc. in the vicinity of Pipeline and in consonance with local government regulations.			
4	The Project Authorities must strictly comply with the rules & regulations under Manufacture, Storage & Import of Hazardous Chemicals Rules, 2000. Prior approvals from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. must be obtained.	We are complying to the rules and regulations under Manufacture, Storage & Import of Hazardous Chemicals Rules, 2000. Necessary approvals had been obtained from other statutory bodies			
5	Detailed Risk Analysis of the pipeline and associated facilities must be done once the Engineering design & layout is frozen. Based on this, on site & off site Emergency preparedness plan must be prepared. Approval from the nodal agency must be obtained before commissioning the project.	Based on the risk analysis onsite and offsite Emergency preparedness plan has been prepared and approval has been obtained. Attached as Annexure 1			
5	Adequate provisions for infrastructural facilities such as water supply, fuel, sanitation etc. should be ensured for construction workers during construction phase so as to avoid felling of trees & pollution of water & the surroundings.	Complied during construction phase.			

G. G. S. S.

7	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the Environmental Impact Assessment/ Environmental Management Plan and risk analysis report.	safeguards recommended in the Environmental Impact Assessment/ Environmental Management Plan and risk analysis report.
8	The project proponent should have a scheme for social upliftment in the surrounding villages with reference to contribution to road construction, education of Health centres, sanitation facilities, drinking water supply, community awareness and employment to local people whenever & wherever possible both for technical & non-technical jobs.	Complied time to time through CSR
9	A separate Environmental Management Cell equipped with full-fledged laboratory facilities must be set up to carry out the Environmental Management and monitoring functions.	Separate environmental management cell with laboratory facilities to carry out various management & monitoring activities is in existence
10	The project authorities will provide adequate funds both recurring & non-recurring to implement the conditions stipulated by the Ministry of Environment & Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purpose.	The funds so provided to implement the conditions shall not be diverted for any other purpose
11	The implementation of the project vis-à-vis environmental action plans will be monitored by Ministry's Regional office at Bhopal/ State Pollution Control Board/ Central Pollution Control Board. A Six monthly compliance status report should be submitted to monitoring agencies.	Half yearly Environmental Clearance compliance report is being submitted to the Board regularly
12	A separate environmental management cell with full-fledged laboratory facilities to carry out various management & monitoring activities should be set up under the control of a senior executive.	Separate environmental management cell with laboratory facilities to carry out various management & monitoring activities is in existence

Gladot

13	The project proponent should advertise in at least 2 local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned informing the public that the project has been accorded environmental clearance by the ministry and copies of the clearance letter are available with the State Pollution control Board/ Committee & may also be seen at the website of the Ministry & Forests at	Complied at the time of receiving the clearance
	http://www.envfor.nic.in the advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Ministry's RO at Bhopal.	
14	The project authorities should inform the regional office as well as the Ministry, the state of financial closure and final approval of the project by the concerned authorities and the date of commencing the Land development work.	Complied at the time of receiving the
В	Specific Conditions	
1	The design, material of construction, operation & maintenance of pipeline shall be as per API.ANSI.ASME Codes and OISD standards. Pipeline wall thickness and minimum depth of burial a river crossings and casing at rails, major road crossings should be in conformity with ANSI/ASME requirements.	The design, material of construction, operation & maintenance of pipeline are as per API.ANSI.ASME Codes and OISD standards.
2	Annual safety audit should be carried out for the initial 3 years by an independent agency and report submitted to this Ministry for ensuring the strict compliance of safety regulations on Operation & Maintenance.	External safety audit is being carried out and the report of the same along with compliance report is being submitted to PESO regularly. Copy of the latest submission letter is attached as Annexure -3
3	The construction of Pipeline particularly at the river and stream crossings should be done during dry seasons to avoid disturbance of breeding seasons and soil erosion. The riverbed, embankments and dykes shall be restored adequately after installation of crossings.	At the time of construction of pipeline were done in such a manner that avoids disturbance of breeding seasons and soil erosions. And everything were restored adequately after installation of crossings

Godet

4	The project authorities should plant a minimum of 10 trees for every tree cut along the pipeline route in consultation with the local DFO (s). The company should develop a special forestry programme to benefit the project affected local people in consultation with the local DFO/ village Panchayat/NGO.	Adequate amount of green belt were developed during the construction of
5	The project authorities will patrol and inspect the pipeline regularly for detection of faults as per OISD guidelines and continuous monitoring of pipeline operation by adopting non-destructive method (s) of testing as envisaged in the LMP. Pearson survey and continuous potential survey should be carried out at regular intervals to ensure the adequacy of cathodic protection systems.	Complied. Same is included in O&M guidelines of pipeline.
6	The project authorities should install SCADA system for safe operation of Pipeline & Leak detection system. Additional sectionalizing valves in the residential areas and sensitive installations should be provided to prevent the amount of LNG going to the atmosphere in the event of pipeline failure. Intelligent pigging facility should be provided for the entire pipeline system for internal corrosion monitoring.	SCADA system is installed through out the pipeline. SV stations are provided in sensitive areas. Intelligent pigging facility is availabe at intermediate stations through out the pipeline.
7	Hydrocarbon gas detectors should be installed at strategic locations in the compressor stations and intermediate pigging stations.	Hydrocarbon gas detectors are installed at strategic locations.
8	The fire water facilities at the terminals must be designed as per OISD – 117 guidelines. However, for fighting prolonged fires, the company should firm up a plan for assured water supply from nearby ground water source/ surface water source. This must be complied before commissioning the project.	The fire water at the terminals are designed as per OISD-117 guidelines.
9	Green belt of adequate width and density should be provided to mitigate the effects of fugitive emissions all around the intermediate pumping stations. A minimum of 25 % of the total land acquired should be developed as green belt in consultation with the local DFO.	Adequate greenbelt is developed so as to mitigate the effects of fugitive emissions if any

6.60.00





DISASTER MANAGEMENT INSTITUTE (DMI), BHOPAL

(An ISO 17020:2012 Accredited Institute)

ERDMP CERTIFICATE

This certificate has been awarded to

GAIL (India) Limited

HVJ COMPRESSOR STATION & PIPELINE SYSTEM

GAIL Complex, Distt. Guna

M.P. - 473112

in recognition of the entity's "Emergency Response & Disaster Management Plan" which complies with the requirements of

PNGRB Notification G.S.R. 39(E) PNGRB "Codes of Practices for Emergency Response and Disaster Management Plan (ERDMP) Regulations, 2010"

Cortificate Number: 1229/FROMP-119/SAIL/Vijnipur/PNGRB/ DMI/ 2018-19

Date of Issue 30,10,2018

Expiry Date: 29.10.2023

1. -

Dr. Rakesh Duboy Director

Conneque

Status of Vijalgew "CSR-Projects" approved for FY.2023-22

514	Threat Area	Details of activities	LOCATION from Vijalper	Agreement Amount (In Lac)	No. of beneficiarie
1	GAS-Aragya	Support towards Providing Healthcare facility through STI-Clinic for truckers at Vijaquir, Gune(MP)	Tanker Walting Area, GAU, Complex, Vijalpur	3.547	500
2	GAR-Arogya	Support for construction of tollets for public masses in district Shippur-hVP	Within 100 km radius to GAIL- Vijaipur	10	1000
3	GAIL-Aragya	Support for providing Daygen Cylinders for Government hospitals of Sana (MP)	Within 100 km radius to GAL- Visiour	2.6	1300
	GAR-Keushal	Support for Job linked skill training at GAIL Skill Schools Gana (INF)	Within 30 Km radius to GWL: Vijelpur	55.37	600
5	GAIL-Arogya	Support towards Providing Healthcare facility through STI-Clinic for trusters at Vijalour, Gune(MP)	Tanker Welting Area, GAS, Complin, Vijaipur	7	2500
u	GAIL-Aragya	Support for Hilling changes of Oxygen Cylinders for public use at Guna (MP)	Near by to District-Guna	177	ato
7	GA/L-Aragya	Support for organising heal preventive health check-up & screening camps for maincurished women & children in Vijaipur, Guna district of Madiya Fradesh	Near by to District Gurse & District-Shapper	24.8	10000
	GAL-Kaushal	Support for Job linked skill training at GAU, Skill Schools Guns (MP)	Within 50 Em radius to GAIL- Vijalpur	134,84218	300
	GAL-Upwai	Suspent for 05 Government Tribal (jols heatel in Guna (MP)	Within 50 fre-redice to GAL- Vipapur	25	250
0	GAR-Ujjesal (Under GCBET Scheme)	Support for providing 1457 set of dual Desk-Bench to 22 Govt. Schools	Within 100 Emiradius to GAL's Installations within CB	44.01	3300
	GAIL-Aragya	Release of payment for transportation of 2500 PPC-Kiss to Vijelpur	Within 100 Km radius to GAIL's installations within CR	0.7552	2500
	GALKauhal	Provision for statutory payment to Gost, of Madhya Fradesh against annual lease next for the land of GALL-institute of Skills, Gone lidue for F1(2020-21 & F1(2023-22)	Within 30 Km from GATL-Vijespur	32	400
-		Total Arrount approved for FF (21-22) (* In lace)		298.99	

357 1

EXTERNAL SAFETY AUDIT REPORT



GAIL (India) Limited LPG & C2/C3 Recovery Units Vijaipur, Madhya Pradesh





गेल (इंडिया) लिमिटेड (गारत सरकार का उपक्रम-महारत कंपनी)

GAIL (India) Limited

(A Government of India Undertaking - A Meharatna Company)

पोस्ट : गेल ऑग्यलेका, विजयपुर जिला : गुना (स.प्र.) 473112

POST : GAIL COMPLEX, VUAIPUR DISTT, GUNA (MP.) 473112

1877/PHONE: (07544) 274444 1877/FAX : (07544) 274600

रजिस्ट्री पत्र द्वारा

क्रमांकः गेल/वीजेपीआर/अएवंसं/30/2020 *605*

दिनांक: 29.05.2020

प्रति

मुख्य कंट्रोलर ओफ एक्सप्लोसिव (पेट्रोलियम और विस्फोटक सुरक्षा संगठन)
ए ब्लोक, सी.जी.ओ. कॉम्पलेक्स
पांचवी मंजिल, सेमिनरी हिल्स
नागपुर - (महाराष्ट्रा)
पिन कोड - 440006

विषयः गेल (इंन्डिया) लिमिटेड, विजयपुर, जिला-गुना का संरक्षा से संबंधित विभिन्न रिपोर्ट । महोदय,

गेल (इंन्डिया) लिमिटेड, विजयपुर, जिला-गुना का संरक्षा से संबंधित निम्नलिखित रिपोर्ट इस पत्र के साथ संलग्न है ।

- गैस प्रोसेसिंग इकाई (GPU) का संरक्षा ऑडिट बाह्य एजेंसी M/s. Ifluids Engineering; Chennai द्वारा दिनाक
 02 से 04 दिसम्बर 2019 मैं किया ग्या था जिसकी रिपोर्ट और अनुपालन (compliance) रिपोर्ट संलग्न है ।
- HVJ कंग्रेसर स्टेशन का संरक्षा ऑडिट बाह्य एजेंसी M/s. Ifluids Engineering; Chennai द्वारा दिनाक 05 से 07 दिसम्बर 2019 मैं किया गया था जिसकी रिपोर्ट और अनुपालन (compliance) रिपोर्ट संलग्न है ।
- 3. संयंत्र की संरक्षा समिति की रिपोर्ट जो 11.03.2020 को आयोजित की गई थी-संलग्न है ।
- 4. ऑन साईट मॉक ड्रिल रिपोर्ट जो 03.12.2019 और 22.01.2020 को आयोजित की गयी थी-संलग्न है।
- 5. अद्यतल शिङ्युल 8 की कॉपी संलग्न है ।
- 6. शिङ्युल 8 के सभी संलग्नक (Annexures) एवं उपरोक्त सभी रिपोर्ट की सोफ्ट कॉपी DVD में संलग्न है ।

यह आपकी जानकारी और रिकॉर्ड हेतु प्रस्तुत है ।

धन्यवाद.

मुख्य महाप्रबंधक (अ.एवं.सं) E-mail: <u>dpnanda@gail.co.in</u>

OC

पंजीकृत कार्यासयः गेळ गवण, 16, गीकाएंजी कामा प्लेस भई पिल्ली-110056, इंडिया REGISTERED OFFICE: GAIL BHAWAN 15, BHIKAUI CAMAPLACE NEW DELHI-110065, INDIA

सीआईएस / CIN L40200 DL1984GOl018976 www.gallonline.com



Detailed Audit/Activity Compliance Report

Audit/Activity Type : EXTERNAL SAFETY AUDIT (OTHER)

Department: ALL

Period : From 02.12,2019 To 04.12.2020

Location :	C2C3 RECOVERY PLANT-VIJAIPUR
Period of Audit/Activity :	02.122019 To 04.122020
Audit Reference No. :	1000000683
TPIA	
Auditors/Members :	SH. RAMANUJAM P, IFLUIDS ENGINEERING, SH. MANOHAR NT, IFLUIDS ENGINEERING, SH. SRAVAN M,
Nos. of Recommendations :	33
Nos. Complied:	
Nas. In-Progress :	. 0
% Compliance :	100

Recommendation/Observation No.

Audit/Activity Recommendation Reference No.

Target Date
Revised Target Date (Display Nos. of Revisions)

Location/Sub Location

Status

Priority

Implementor KUMAR, SANDIP HARISHCHANDRA MHATRE

: 00001

: 01 : 31.03.2020

: LPG TRAIN - 11

: Closed

: Low

: ARWIND KUMAR SINGH, BRIJENDRA

Recommendation/Observation: Observations: The condensate from steam floorRecommendation: The condensate lip		1
Action Taken Report: 29.02.2020 16:42:11 INDIA SANDIP MHATRE LP Steam line job at LPG TR-11 has been 08.03.2020 09:39:56 INDIA CMPRAKASH SHAR	(00008754) completed	
Milestone	Target Date	Status
EXECUTION OF JOB	29.02.2020	C

Recommendation/Observation No.

Audit/Activity Recommendation Reference No.

Target Date
Revised Target Date (Display Nos. of Revisions)

Location/Sub Location

Status

: 00002

: 02

: 31.03.2020

: LPG TRAIN - 11

: Closed

EXTERNAL SAFETY AUDIT REPORT



GAIL (India) Limited
Compressors and Pipelines
Vijaipur, Madhya Pradesh





Detailed Audit/Activity Compliance Report

Audit/Activity Type : EXTERNAL SAFETY AUDIT (OTHER)

Department: ALL

Period: From 05,12,2019 To 07,12,2019

Location:	NG Comp Stn - Vijalpur	
Period of Audit/Activity :	05.122019 To 07.122019	
Audit Reference No. :	1000000681	
TPIA	OFFSHORE ENGINEERS	
Auditors/Members :	MR RAMANUJAN P (LEAD AUDITOR), MR MANOHARAN NT, MR. SARVANAN N.	
Nos. of Recommendations :	663.7	
Nos. Complied :		
Nos. In-Progress :	0	
% Compliance :	100	

Recommendation/Observation No.

Audit/Activity Recommendation Reference No.

Target Date

Revised Target Date (Display Nos. of Revisions)

Location/Sub Location

Status

Priority

Implementor

GAUR, VIJAY MITTAL

: 00001

: 25.01.2020

: HVJ COMPRESSOR AREA

Closed

Madian

: Medium

: H CHANDRASEKARAN, JAI PRAKASH

Recommendation/Observation:

Observations: Barthing is not provided in the following JBs:- i)In Many FGDB Power JB near 13K-02C ii)PA-JB-1 near 13K-02C iii)13IS-101 near 13K-02ARecommendation: Earthing needs to be provided

Action Taken Report :

25.01,2020 18:24:30 INDIA RP SHARATH CHANDRA KUMAR (00008717)

Earthing done by Electrical department - Complied

Milestone Target Date Status

Recommendation/Observation No.

Audit/Activity Recommendation Reference No.

Target Date

Revised Target Date (Display Nos. of Revisions)

Location/Sub Location

Status Priority

Implementor

: 00002

: 2 : 25.01.2020

: HVJ COMPRESSOR AREA

Closed Medium

: H CHANDRASEKARAN, JAI PRAKASH

SCHEDULE 8 [See rule 10(1)]

INFORMATION TO BE FURNISHED IN A SAFETY REPORT

The name and address of the person furnishing the information.

S. S. Agrawal, E D (O&M) –CR & OIC, Occupier GAIL (India) Limited, Vijaipur Dist.- Guna (MP) Pin Code -473112

Description of the industrial activity, namely:-

(a) Site.

GAIL (India) Limited, Vijaipur HVJ Comp. Station, GPU & C2-C3 Plant Dist.- Guna(MP) Pin Code -473112

(b) Construction design,

Report is already submitted to your good office. Abstract of the same is attached as Annexure-I

(c) Protection zones explosion protection, separation destances.

As per OISD -116, Separation distances As per OISD -118, Zone classification as per CEA/ Indian Electricity Rules, as per is -5572(Area Classification) and QRA

(d) Accessibility of plant

Prohibited area- No Entry without proper permission.

(e) Maximum number of persons working on the site and particularly of those persons exposed to the hazard.

As per Factory License for LPG Recovery Plant & Petrochemical =1000 Nos. and for HVJ Comp. Station = 1500 Nos.

3. Description of the processes, namely:-

(a) Technical purpose of the industrial activity,

-HVJ Comp. Station: Installation is for boosting gas pressure in HVJ/DVPL/VDPL gas pipeline for onward submission to consumers.

-In GPU (LPG-Recovery) & C2-CC3 Plant: Extraction / Recovery LPG/Pentane/Ethane /Propane & Naphtha from Natural gas including onward transmission of Ethane (C2) and Propane (C3) to GAIL Pata through underground pipe line.

(b) Basic principles of the technological process,

In HVJ Comp. Station, Boosting gas pressure through Compressors .In GPU (for LPG) -LPG recovery from Natural Gas by Cryogenic Expander process & In C2-C3 Plant - Extraction of Ethane (C2) and Propane (C3) from Natural Gas by GSU & GPU and Cryogenic Expander process.

(c) Process and safety-related data for the individual process stages.

Process flow Diagram (PFD) of HVJ Comp. Station, GPU(for LPG Recovery) & C2-C3Plant are attached seperately as Annexture -III & IV (enclosed in DVD in soft form)

(d) Process description,

Data is already submitted; however abstract of the same is attached as Annexure- II

(e) Utilities.

Nitrogen Plant, Plant Air & Instrument Air, HRSG, Boiler & STG, Cooling Tower

4. Description of the hazardous chemicals, namely:-

(a) Chemicals (quantities, substance data, safety-related data, toxicological data and threshold values).

STORAGE	LPG	PROPANE	PANTANE	C2-C3	NAPHTHA
NO OF VESSELS	08 SPHERES	03 SPHERES	05 BULLETS	03 SPHERES	02 TANKS
CAPACITY	8 X 2500 M3	3 X 2500 M3	5X 198 M3	3 X 1500 M3	2X1300 M3

MSDS along with TLV & STEL values of above chemicals are as per attached as MSDS

(b) The form in which the chemicals may occur on or into which they may be transformed in the event of abnormal conditions,

In liquid or gaseous form.

(c) The degree of purity of the hazardous chemicals

By NABL accredited quality control Laboratory as per relevant IS -standards

5. Information on the preliminary hazard analysis, namely:-

(a) Types of accident

As per QRA Fire, Explosion, Gas Leakage & Toxic release

(b) System elements or events that can lead to a major accident,

Leakages, failure of Equipment & Human error

(c) Hazards.

Fire /Explosion/Gas Leakage/ Noise etc.

(d) Safety-relevant components.

Detailed manual is already submitted, however abstract of process brief is attached Annexure-II

6. Description of safety-relevant units, among others;

(a) Special design criteria,

Design criteria attached as Annexure-I

(b) Controls and alarms,

As per design criteria attached as Annexure-II and other relevant manual

(c) Special relief systems,

PSV's and all PSV's are connected to Flure. Operating manual attached

(d) Quick-acting valves,

SDV, PSV, Safety interlock valves etc. Operating manual attached.

(e) Collecting tanks/dump tank,

Dyke wall are provided in Storage areas. OWS are provided in Plant /Unit areas. As per attached manual.

(f) Sprinkler system,

Medium Velocity Fire water sprinkler/spray system provided on LPG Spheres, Propane Spheres, Naphtha Tanks, Pentane bullets, All critical Flanges and valves, filters, all critical pumps handling hydrocarbon etc. using ROV's and DV systems. Emulsifier system for transformers.

(g) Fire-fighting etc.

Fire water network for entire plant comprising Hydrants, Normal Water Monitors, HVLR Monitors, ROLR Monitors, M V Fire water spray system through ROV's and DV systems, Emulsifier systems on Electric transformers at Sub-Station/ Switch yard Foam pourers, Foam trolleys, DCP trolleys and Fire Extinguishers of various capacities

- 7. Information on the hazard assessment, namely:-
- (a) Identification of hazards,

By QRA & HAZOP study of the whole plant done in year- 2016 & 2018 respectively. As per policy it is to be done after every 5 years or any change in plant process.

(b) The cause of major accidents,

Equipment / material failure/ Human error

(c) Assessment of hazards according to their occurrence frequency,

As per QRA/ HAZOP - (Report already submitted to your good office)

(d) Assessment of accident consequences,

By QRA/ HAZOP Recommendations (Report already submitted to your good office)

(e) Safety systems,

As per Safety Management System of GAIL and other relevant codes and standard covering In-built safety, Operational Safety and Physical Safety. HSE Management copy attached (Annexure-V).

- (f) Known accident history. NIL
- 8. Description of information on organisational systems used to carry on the industrial activity safety, namely:-
- (a) Maintenance and inspection schedules,

As per GAIL maintenance policy and as per Integrated Management System Manual i.e. (ISO: 9001, 14001, 45001 & 50001) & applicable codes and standards and also as per PNGRB/T4S & OISD standards.

(b) Guidelines for the training of personnel,

As per GAIL Training policy, OISD-145, Integrated Management System etc.

(c) Allocation and delegation of responsibility for plant safety,

Respective departmental Organogram as per Integrated Management System.

(d) Implementation of safety procedures.

As per GAIL Fire & Safety Policy, Commitment for Safety, from Corporate as well as plant level & GAIL- Health Safety & Environment Management System.

- 9. Information on assessment of the consequences of major accidents, namely:-
- (a) Assessment of the possible release of hazardous chemicals or of energy

By Quantitative Risk Analysis from reputed third party. As per policy it is to be done after every 5 years or any change in plant process. Last QRA & HAZOP study done in the year 2016 & 2018 respectively.

(Reports already submitted to your good office)

(c) Assessment of the effects of the releases (size of the affected area, health effects, property damage)

By Quantitative Risk Analysis. (Report already submitted to your good office)

- 10. Information on the mitigation of major accidents, namely:-
- (a) Fire brigade

Full-fledged F&S dept. with round the clock duty with a crew of 10 persons each, considering two turnouts at a time in the plant area as per OISD 116 and other relevant standard. Five Fire Tenders having the facility of DCP, Foam and water, Water mist and one Rescue Tender.

(b) Alarm systems

Process related alarms systems already provided in the attached operating manuals. For Fire alarms, MCP's of Fire Alarm system, Automatic Fire and gas detection and suppression system, fixed installation of detection & flooding system of

Argonite/Inergen in Control room & CO2 flooding systems in Gas Turbines and Gas compressors.

(c) Emergency plan containing system of organisation used to fight the emergency, the alarm and the communication routes, guidelines for fighting the emergency, information about hazardous chemicals examples of possible accident sequences.

On Site Emergency Plan, considering various emergency scenarios related to entire plant as per the requirements of Factories Act, MSIHC Rules-1989 & OISD guidelines is prepared and approved by Director, I S & H, Government of Madhya Pradesh. ERDMP, as per PNGRB Regulation-2010, under MOPNG is also in place. Approved page attached-VI

(d) Coordination with the District Emergency authority and its off-site emergency plan,

Off -site Emergency Plan is also in place as per MSIHC Rules-1989 duly signed by District Magistrate, Guna, and Madhya Pradesh.
-Page of approved copy attached-Annexure-VII

(e) Notification of the nature and scope of the hazard in the event of an accident,

As per Factory act, M P Factory Rules, MSIHC Rules-1989, OISD guidelines, PNGRB Regulation-2010 etc.

(f) Antidotes in the event of a release of hazardous chemicals.

It is to be understood that every chemical does not have an antidote. Most of the chemical poisoning requires symptomatic treatment. In our chemicals list only Mercapton and methanol requires specific antidote. We have for Mercapton and for methanol the antidote is not available in India.

Omprakash Tularam Sharma(ओमप्रकाश तुलाराम शर्मा)

From: Omprakash Tularam Sharma(ओमप्रकाश त्वाराम शर्मा)

Sent: Friday, May 29, 2020 4:06 PM

To: Fire and Safety - Noida (फायर एंड सेफ्टी विभाग -मोएडा)

Cc:
D P Nanda (डॉ. डी) नन्दा); A K Roy - F&S (ए के रॉय - एफ एंड एस); T K Mohanty (टी के मोहंती); A W Dhanade (ए डब्ल्यू धनाडे); ED(O&M-CR) Cell - Vijaipur (ईडी (ओ एंड एम

सी। र) सैल-विजयार)

Subject: FW: Compliance to the MSIHC Rules, 1989 notified under Environment (Protection) Act,

1986 - Submission of ESA report to PESO

Attachments: Letter to PESO-Vijaipur.pdf

Dear Sir,

Please find attached herewith subject letter for compliance as per trailing email for your kind perusal.

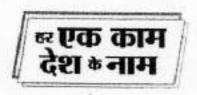
With Best Regards,

सादर,

O.T. SHARMA / ओमप्रकाश टी. शर्मा

Sr. Manager (F&S) | GAIL (India) Limited, GAIL Complex, Vijaipur, Dist-Guna-473112 (M.P) | वरिष्ठ प्रवंधक (अग्नि एवं संरक्षा) । गेल (इंडिया) लिमिटेड, गेल कॉम्प्लेक्स-विजयपुर,जिला- गुना, -४७३११२ (म.प्र)

🕿 दूरभाष- HVJ: 62-4402 (कार्यालय) / 🗣 मोवाईल — 9009603934 / Email: otsharma@gail.co.in



From: Fire and Safety - Noida (फायर एंड सेफ्टी विभाग -नोएडा)

Sent: 28 May 2020 13:59

To: D P Nanda (डी पी नन्दा) <dpnanda@gail.co.in>; J Chakraborty (जे चक्रवर्ती) <ichakraborty@gail.co.in>; G Senthil (जी संथिल) qsinipunje (पी गिरिपुंजे) pgiripunje@gail.co.in; Nitin P Nandkar (नितिन पी नांदकर) qnnandkar@gail.co.in; Himanshu suresh Sharma (हिमांशु सुरेश शर्मा) himanshu.sharma@gail.co.in; Praveen B Sakharkar (प्रवीण बी साखरकर) pbs08059@gail.co.in; Jai Prakash Ranjan (जय प्रकाश रंजन) pp.ranjan@gail.co.in; Sukant Kumar Singh (सुकांत कुमार सिंह) sukant@gail.co.in; Prashant Rathor (प्रशांत राठोर) prajeesh M.G. (प्राजीश एम जी) prajeeshmg@gail.co.in; Sanjiv Rodi (संजीव रोडी) suffaeeshmalegail.co.in; Shankar Singh Chouhan (शंकर सिंह चौहान) shankar.sapsh@gail.co.in; Raufeek M.H. (रफ़ीक एम एच) prajeeshmalegail.co.in; Hedi Soman. K (हेडी सोमन के)

Point-wise Compliance Status of Conditions under Environmental Clearance accorded to Vijaipur - Dadri Pipeline (2008)						
S. No.	Details of Conditions under Environmental Clearance	Status of Compliance				
A	General Conditions	General Conditions				
1	The Project Authority must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	We will strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.				
2	There will be no change in the Pipeline route, design, capacity without the prior approval of this Ministry. While laying the pipeline, OISD standards with regard to distance etc; from private buildings, industrial buildings or placed or habitation etc should be followed	There will be no change in the Pipelin route, design, capacity without the prior approval of this Ministry. The				
3	During the project construction phase, adequate care must be exercised for protection to public life, wildlife, forest, power line, buildings etc. in the vicinity of Pipeline and in consonance with local government regulations.	Adequate care has been made during the project construction phase for protection to public life, wildlife forest, power line, buildings etc. in the vicinity of Pipeline and in consonance with local government regulations.				
4	The Project Authorities must strictly comply with the rules & regulations under Manufacture, Storage & Import of Hazardous Chemicals Rules, 2000. Prior approvals from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. must be obtained.	We are complying to the rules a regulations under Manufacture Storage & Import of Hazardo				
5	Detailed Risk Analysis of the pipeline and associated facilities must be done once the Engineering design & layout is frozen. Based on this, on site & off site Emergency preparedness plan must be prepared. Approval from the nodal agency must be obtained before commissioning the project.	Based on the risk analysis onsite an offsite Emergency preparedness plants been prepared and approval h				
6	Adequate provisions for infrastructural facilities such as water supply, fuel, sanitation etc. should be ensured for construction workers during construction phase so as to avoid felling of trees & pollution of water & the surroundings.	Complied during construction phase.				

Contr

7	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the Environmental Impact Assessment/ Environmental Management Plan and risk analysis report.	and safeguards recommended in the
8	The project proponent should have a scheme for social upliftment in the surrounding villages with reference to contribution to road construction, education of Health centres, sanitation facilities, drinking water supply, community awareness and employment to local people whenever & wherever possible both for technical & non-technical jobs.	Complied time to time through CSR Projects. FY 21-22 CSR activities are attached as Annexure 2
9	A separate Environmental Management Cell equipped with full-fledged laboratory facilities must be set up to carry out the Environmental Management and monitoring functions.	Separate environmental management cell with laboratory facilities to carry out various management & monitoring activities is in existence
10	The project authorities will provide adequate funds both recurring & non-recurring to implement the conditions stipulated by the Ministry of Environment & Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purpose.	The funds so provided to implement the conditions shall not be diverted for any other purpose
11	The implementation of the project vis-à-vis environmental action plans will be monitored by Ministry's Regional office at Bhopal/ State Pollution Control Board/ Central Pollution Control Board. A Six monthly compliance status report should be submitted to monitoring agencies.	Half yearly Environmental Clearance compliance report is being submitted to the Board regularly
12	A separate environmental management cell with full-fledged laboratory facilities to carry out various management & monitoring activities should be set up under the control of a senior executive.	Separate environmental management cell with laboratory facilities to carry out various management & monitoring activities is in existence

690 tot

13	The project proponent should advertise in at least 2 local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned informing the public that the project has been accorded environmental clearance by the ministry and copies of the clearance letter are available with the State Pollution control Board/ Committee & may also be seen at the website of the Ministry & Forests at http://www.envfor.nic.in the advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Ministry's RO at Bhopal.	Complied at the time of receiving the clearance		
14	The project authorities should inform the regional office as well as the Ministry, the state of financial closure and final approval of the project by the concerned authorities and the date of commencing the Land development work.			
В	Specific Conditions			
1	Environmental Clearance is subject to obtaining clearance from the national board for Wildlife/ Competent Authority under the Wildlife (Protection) Act, 1972	Complied. Forest clearance has been obtained for this project.		
2	Environmental Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation vs. Union of India in writ petition (civil) No. 460 of 2004 as may be applicable to this project.	The final decision of the Hon'ble SC in the matter of W.P. (civil) no. 460 of 2004 is not applicable since mining activity was not carried.		
3	The design, material of construction, assembly, inspection, testing and safety aspects of operation and maintenance of pipeline and transporting the natural gas shall be governed by ASME/ANSI B31.8/ B31.4 and OISD standard 141	The design, material of construction assembly, inspection, testing and safety aspects of operation and maintenance of pipeline and transporting the natural gas area as per ASME/ANSI and OISD standards		
4	Annual safety audit should be carried out for the initial 3 years by an independent agency and report submitted to this Ministry for ensuring the strict compliance of safety regulations on Operation & Maintenance.	External safety audit is being carried out and the report of the same along with compliance report is being submitted to PESO regularly.		

G. Gadox

5	The construction of Pipeline particularly at the river and stream crossings should be done during dry seasons to avoid disturbance of breeding seasons and soil erosion. The riverbed, embankments and dykes shall be restored adequately after installation of crossings.	avoids disturbance of breeding seasons		
6	Pipeline Wall thickness and minimum depth of burial at river crossings and casings at rails, major road crossings should be in conformity with ANSI/ASME requirements.	Pipeline Wall thickness and minimum depth of burial at river crossings and casings at rails, major road crossings are as per ANSI/ASME requirements.		
7	The company shall follow horizontal drilling technique for laying of the pipeline while passing through major rivers.			
8	The company shall obtain forest clearance under the forest (Conservation) Act 1980 while passing through forest land.	Complied. Forest clearance has been obtained for this project.		
9	The project authorities should plant a minimum of 10 trees for every tree cut along the pipeline route in consultation with the local DFO (s).	Complied at the time of construction		
10	The project authorities should install SCADA system for safe operation of Pipeline & Leak detection system. Additional sectionalizing valves in the residential areas and sensitive installations should be provided to prevent the amount of LNG going to the atmosphere in the event of pipeline failure. Intelligent pigging facility should be provided for the entire pipeline system for internal corrosion monitoring. Coating & Impressed current cathodic protection system should be provided to prevent external corrosion.	SCADA system is installed throughout the pipeline. SV stations are provided in sensitive areas. Intelligent pigging facility is available at intermediate stations throughout the pipeline. Pipeline is coated with 3 Layer PE Coating and provided with Impressed Current Cathodic Protection System for mitigation of external corrosion		
11	The project authorities will patrol and inspect the pipeline regularly for detection of faults as per OISD guidelines and continuous monitoring of pipeline operation by adopting non-destructive method (s) of testing as envisaged in the EMP. Pearson survey and continuous potential survey should be carried out at regular intervals to ensure the adequacy of cathodic protection systems.	Complied. Patrolling of pipeline is being done at regular intervals as stipulated in standards. Same is included in O&M guidelines of pipeline.		

66 John

The fire water at the terminals are designed as per OISD-117 guidelines. The fire water facilities at the terminals must be designed as As per calculation our fire water per OISD - 117 guidelines. However, for fighting prolonged requirement For fighting two major fires, the company should firm up a plan for assured water fires is 5000M3/hr. For fighting two 12 supply from nearby ground water source/ surface water major fires for four hours fire water source. This must be complied before commissioning the requirement 20000M3/hr. is project. addition to above we have inter connection of fire water storage tank with Raw water reservoir Vijaipur GAIL complex. greenbelt is developed in an area of 320 Acre. Inside the Vijaipur Plant Green belt of adequate width and density should be complex there are about 74786 nos of trees and around 15000 nos in the provided to mitigate the effects of fugitive emissions all around the intermediate pumping stations. A minimum of 25 vijaipur township. At the intermediate 13 % of the total land acquired should be developed as green pumping station of Kaliaras in a land area of 6 acres greenbelt is developed belt in consultation with the local DFO. with 354 nos. of trees. In Chhainsa pumping station greenbelt

Surrounding of Gail Vijaipur



660

developed at an area of 9.51 acre with

approx. 5500 nos of trees





DISASTER MANAGEMENT INSTITUTE (DMI), BHOPAL

(An ISO 17020:2012 Accredited Institute)

ERDMP CERTIFICATE

This certificate has been awarded to

GAIL (India) Limited
HVI COMPRESSOR STATION & PIPELINE SYSTEM
GAIL Complex, Distt. Guna
M.P. - 473112

in recognition of the entity's "Emergency Response & Disaster Management Plan" which complies with the requirements of

PNGRB Notification G.S.R. 39(E) PNGRB "Codes of Practices for Emergency Response and Disaster Management Plan (ERDMP) Regulations, 2010"

Issued by/

Certificate Number: 1228/ERDMP-119/GAIL/Vijelpur/PMGRB/ DMI/ 2018-19

30.10.2018

Expiry Date: 29.10.2023

Dr. Rakesh Dubey Director

Status of Vijaipur "CSR-Projects" approved for FY:2021-23

SN	Throat Area	Details of activities	LOCATION from Vijalpur	Agreement Amount (in Lsc)	No. of beneficiaria
1	GAIL-Arogya	Repport towards Providing Healthcare tapility through STI-Clinic for truckers at Walgur, Guna(MP)	Tanker Waiting Area, CAS. Complex, Vijalpur	1.347	500
2	GAIL-Arogya	Support for construction of toilets for public masses in district Shipperi MP	Within 100 Km nadius to GAS Vijalpur	10	1000
3	GAIL-Arogya	Support for providing Oxygen Cylinders for Government hospitals of Guns (MP)	Within 200 km redius to GAR, Visigar	2.5	1906
4	GAR-Kaushal	Sepport for job linked skill training at GAIL Skill Schools Gure (MP)	Within 30 Km radius to GAL- Vijelpur	55.37	600
5	6AIL-Aragya	Support sowards Providing Healthcare facility through STI-Clinic for truckers at Vijapur, Guna(MP)	Tanker Waiting Area, GAIL Complex, Vijaipur	7	2500
6	GAH-Arogya	Support for filling charges of Oxogen Cylinders for public use at Gone (MP)	Mean by to District-Guine	1.77	850
,	GAIL-Arogya	Support for organising free preventive health check-up & acreaning camps for realmoutshed women & children in Vijelpur, Guns district of Machiye Pradesh	Near by to District-Guns & District-Shispani	14.5	10000
	GAIL-Kaushel	Support for job linked skill training at GAU, Skill Schools Gure (MP)	Within 30 Em radius to GAL- Visipor	114.84213	800
9	GAII-Lijavi	Support for OS Government Tribal Oirta hostal in Suna (MP)	Within 50 Km radius to GAVL- Vijalpur	25	250
0	GATL-Ugwal (Linder GCSET Scheme)	Resport for providing 1467 set of dual Desk-Bench to 22 Govt. Schools	Within 100 Km radius to GALL's Installations within CR	44.01	3000
1	GAS-Arogya	Release of payment for transportation of 2500 FFE-Nts to Vijaguar	Within 100 Emiradius to GAL's Installations within CR	0.7552	2500
2	GAL-Kaurbal	Provision for statutory sayment to Sovs. of Madhya Pradesh against annual lease rest for the land of GAL-Institute of Skills. Guns (due for FF:2020-21 & FF:2023-22)	Within 30 km from GAS,-Vijalpur	12	600
-		298.96			



गेल (इंडिया) लिमिटेड (नारत सरकार का उपक्रम-महारत कंपनी)

GAIL (India) Limited

(A Government of India Undertaking - A Maharatna Company)

पोस्ट : गेल कॉम्पलेका, विजयपुर जिला : गुना (म.प्र.) 473112

POST: GAIL COMPLEX, VIJAIPUR DISTT. GUNA (MP.) 473112

जीन/PHONE: (07544) 274444 वैजस/FAX : (07544) 274500

रजिस्टी पत्र हारा

क्रमांकः गेल/वीजेपीआर/अएवंसं/30/2020 *605*

दिनांक: 29.05.2020

प्रति

मुख्य कंट्रोलर ऑफ एक्सप्लोसिव (पेट्रोलियम और विस्फोटक सुरक्षा संगठन) ए ब्लोक, सी.जी.ओ. कॉम्पलेक्स पांचवी मंजिल, सेमिनरी हिल्स नागपुर - (महाराष्ट्रा) पिन कोड - 440006

विषयः गेल (इंन्डिया) लिमिटेड, विजयपुर, जिला-गुना का संरक्षा से संबंधित विभिन्न रिपोर्ट । महोदय,

गेल (इंन्डिया) लिमिटेड, विजयपुर, जिला-गुना का संरक्षा से संबंधित निम्नलिखित रिपोर्ट इस पत्र के साथ संलग्न है ।

- गैस प्रोसेसिंग इकाई (GPU) का संरक्षा ऑडिट बाह्य एजेंसी M/s. Ifluids Engineering; Chennai द्वारा दिनाक 02 से 04 दिसम्बर 2019 में किया ग्या था जिसकी रिपोर्ट और अनुपालन (compliance) रिपोर्ट संलग्न है ।
- HVJ कंप्रेसर स्टेशन का संरक्षा ऑडिट बाह्य एजेंसी M/s. Ifluids Engineering; Chennai द्वारा दिनाक 05 से 07 दिसम्बर 2019 मैं किया गया था जिसकी रिपोर्ट और अनुपालन (compliance) रिपोर्ट संलग्न है ।
- 3. संयंत्र की संरक्षा समिति की रिपोर्ट जो 11.03.2020 को आयोजित की गई थी-संलग्न है ।
- 4. ऑन साईट मॉक ड्रिल रिपोर्ट जो 03.12.2019 और 22.01.2020 को आयोजित की गयी धी-संलग्न है।
- 5. अद्यतका शिङ्युल 8 की कॉपी संलग्न है ।
- 6. शिङ्युल 8 के सभी संलग्नक (Annexures) एवं उपरोक्त सभी रिपोर्ट की सोफ्ट कॉपी DVD में संलग्न है ।

यह आपकी जानकारी और रिकॉर्ड हेतु प्रस्तुत है ।

धन्यवाद,

मुख्य महाप्रबंधक (अ.एवं.सं) E-mail: dpnanda@gail.co.in

olc

पंजीकृत कार्यालय : गेल शवन, 16, गीकाएंजी काना प्लेस नई दिल्ली—110066, इंडिया REGISTERED OFFICE: GAIL BHAWAN, 16, BHIKALIFCAMA PLACE NEW DELHI-110066, INDIA

सीववर्षपन / CIN L40200 DL1984601018976 www.gallenine.com

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EXTERNAL SAFETY AUDIT REPORT



GAIL (India) Limited LPG & C2/C3 Recovery Units Vijaipur, Madhya Pradesh





Detailed Audit/Activity Compliance Report

Audit/Activity Type : EXTERNAL SAFETY AUDIT (OTHER)

Department: ALL

Period: From 02.12.2019 To 04.12.2020

Location :	C2C3 RECOVERY PLANT-VIJAIPUR		
Period of Audit/Activity :	02.122019 To 04.122020		
Audit Reference No. :	1000000583		
TPIA			
Auditors/Members :	SH. RAMANUJAM P, IFLUIDS ENGINEERING, SH. MANOHAR NT, IFLUIDS ENGINEERING, SH. SRAVAN M.		
Nos. of Recommendations :	900-07		
Nos. Complied:			
Nos. In-Progress :	. 0		
% Compliance :	100		

Recommendation/Observation No.

Audit/Activity Recommendation Reference No.

Target Date

Revised Target Date (Display Nos. of Revisions)

Location/Sub Location

Status Location

Priority

Implementor

KUMAR, SANDIP HARISHCHANDRA MHATRE

: 00001

: 01 : 31.03.2020

1

: LPG TRAIN - 11 : Closed

Low

: ARWIND KUMAR SINGH, BRIJENDRA

Recommendation/Observation:

Observations: The condensate from steam header is drained on the open floorRecommendation: The condensate line has to be routed properly

Action Taken Report :

29.02.2020 16:42:11 INDIA SANDIP MHATRE (00008754) LP Steam line job at LPG TR-11 has been completed

08.03.2020 09:39:56 INDIA OMPRAKASH SHARMA (00016708)

Milestone	Target Date	Status
EXECUTION OF JOB	29.02.2020	С

Recommendation/Observation No.

Audit/Activity Recommendation Reference No.

Target Date

Revised Target Date (Display Nos. of Revisions)

Location/Sub Location

Status

: 00002

: 02

: 31.03.2020

LPG TRAIN - 11

: Closed

EXTERNAL SAFETY AUDIT REPORT



GAIL (India) Limited
Compressors and Pipelines
Vijaipur, Madhya Pradesh





Detailed Audit/Activity Compliance Report

Audit/Activity Type : EXTERNAL SAFETY AUDIT (OTHER)

Department: ALL

Period: From 05.12.2019 To 07.12.2019

Location :	NG Comp Stn - Vijaipur		
Period of Audit/Activity :	05.122019 To 07.122019		
Audit Reference No. :	1000000681		
TPIA	OFFSHORE ENGINEERS		
Auditors/Members ;	MR RAMANUJAN P (LEAD AUDITOR), MR MANOHARAN NT, MR. SARVANAN N.		
Nos. of Recommendations :	615		
Nos. Complied:			
Not. In-Progress :	0		
% Compliance :	100		

Recommendation/Observation No.

Audit/Activity Recommendation Reference No.

Target Date

Revised Target Date (Display Nos. of Revisions)

Location/Sub Location

Status

Priority

Implementor

GAUR, VIJAY MITTAL

: 00001

: 25.01.2020

: HVJ COMPRESSOR AREA Closed

Medium

: H CHANDRASEKARAN, JAI PRAKASH

Recommendation/Observation:

Observations: Barthing is not provided in the following JBs:- i) In Many PGDB Power JB near 13K-02C ii)PA-JB-1 near 13K-02C iii)13IS-101 near 13K-02ARecommendation: Earthing needs to be provided

Action Taken Report :

25.01.2020 18:24:30 INDIA RP SHARATH CHANDRA KUMAR (00008717)

Earthing done by Electrical department- Complied

Milestone Target Date Status

Recommendation/Observation No.

Audit/Activity Recommendation Reference No.

Target Date

Revised Target Date (Display Nos. of Revisions)

Location/Sub Location Status

Priority

Implementor

: 00002

: 25.01.2020

: HVJ COMPRESSOR AREA Closed

Medium

: H CHANDRASEKARAN, JAI PRAKASH

SCHEDULE 8 [See rule 10(1)]

INFORMATION TO BE FURNISHED IN A SAFETY REPORT

1. The name and address of the person furnishing the information.

S. S. Agrawal, E D (O&M) -CR & OIC, Occupier GAIL (India) Limited, Vijaipur Dist.- Guna (MP) Pin Code -473112

Description of the industrial activity, namely:-(a) Site,

GAIL (India) Limited, Vijaipur HVJ Comp. Station, GPU & C2-C3 Plant Dist.- Guna(MP) Pin Code -473112

(b) Construction design,

Report is already submitted to your good office. Abstract of the same is attached as Annexure-l

(c) Protection zones explosion protection, separation destances.

As per OISD -116, Separation distances As per OISD -118, Zone classification as per CEA/ Indian Electricity Rules, as per is -5572(Area Classification) and QRA

(d) Accessibility of plant

Prohibited area- No Entry without proper permission.

(e) Maximum number of persons working on the site and particularly of those persons exposed to the hazard.

As per Factory License for LPG Recovery Plant & Petrochemical =1000 Nos. and for HVJ Comp. Station = 1500 Nos.

3. Description of the processes, namely:-

(a) Technical purpose of the industrial activity,

 -HVJ Comp. Station: Installation is for boosting gas pressure in HVJ/DVPL/VDPL gas pipeline for onward submission to consumers.

-In GPU (LPG-Recovery) & C2-CC3 Plant: Extraction / Recovery LPG/Pentane/Ethane /Propane & Naphtha from Natural gas including onward transmission of Ethane (C2) and Propane (C3) to GAIL Pata through underground pipe line.

(b) Basic principles of the technological process,

In HVJ Comp. Station, Boosting gas pressure through Compressors .In GPU (for LPG) -LPG recovery from Natural Gas by Cryogenic Expander process & In C2-C3 Plant - Extraction of Ethane (C2) and Propane (C3) from Natural Gas by GSU & GPU and Cryogenic Expander process.

(c) Process and safety-related data for the individual process stages.

Process flow Diagram (PFD) of HVJ Comp. Station, GPU(for LPG Recovery) & C2-C3Plant are attached seperately as Annexture -III & IV (enclosed in DVD in soft form)

(d) Process description,

Data is already submitted; however abstract of the same is attached as Annexure- II

(e) Utilities.

Nitrogen Plant, Plant Air & Instrument Air, HRSG, Boiler & STG, Cooling Tower

4. Description of the hazardous chemicals, namely:-

(a) Chemicals (quantities, substance data, safety-related data, toxicological data and threshold values).

STORAGE	LPG	PROPANE	PANTANE	C2-C3	NAPHTHA
NO OF VESSELS	08 SPHERES	03 SPHERES	05 BULLETS	03 SPHERES	02 TANKS
CAPACITY	8 X 2500 M3	3 X 2500 M3	5X 198 M3	3 X 1500 M3	2X1300 M3

MSDS along with TLV & STEL values of above chemicals are as per attached as MSDS

(b) The form in which the chemicals may occur on or into which they may be transformed in the event of abnormal conditions,

In liquid or gaseous form.

(c) The degree of purity of the hazardous chemicals

By NABL accredited quality control Laboratory as per relevant IS -standards

5. Information on the preliminary hazard analysis, namely:-

(a) Types of accident

As per QRA Fire, Explosion, Gas Leakage & Toxic release

(b) System elements or events that can lead to a major accident,

Leakages, failure of Equipment & Human error

(c) Hazards.

Fire /Explosion/Gas Leakage/ Noise etc.

(d) Safety-relevant components.

Detailed manual is already submitted, however abstract of process brief is attached Annexure-II

6. Description of safety-relevant units, among others;

(a) Special design criteria,

Design criteria attached as Annexure-I

(b) Controls and alarms,

As per design criteria attached as Annexure-II and other relevant manual

(c) Special relief systems,

PSV's and all PSV's are connected to Flure. Operating manual attached

(d) Quick-acting valves,

SDV, PSV, Safety interlock valves etc. Operating manual attached.

(e) Collecting tanks/dump tank,

Dyke wall are provided in Storage areas. OWS are provided in Plant /Unit areas. As per attached manual.

(f) Sprinkler system,

Medium Velocity Fire water sprinkler/spray system provided on LPG Spheres, Propane Spheres, Naphtha Tanks, Pentane bullets, All critical Flanges and valves, filters, all critical pumps handling hydrocarbon etc. using ROV's and DV systems. Emulsifier system for transformers.

(g) Fire-fighting etc.

Fire water network for entire plant comprising Hydrants, Normal Water Monitors, HVLR Monitors, ROLR Monitors, M V Fire water spray system through ROV's and DV systems, Emulsifier systems on Electric transformers at Sub-Station/ Switch yard Foam pourers, Foam trolleys, DCP trolleys and Fire Extinguishers of various capacities

7. Information on the hazard assessment, namely:-

(a) Identification of hazards,

By QRA & HAZOP study of the whole plant done in year- 2016 & 2018 respectively. As per policy it is to be done after every 5 years or any change in plant process.

(b) The cause of major accidents,

Equipment / material failure/ Human error

(c) Assessment of hazards according to their occurrence frequency,

As per QRA/ HAZOP - (Report already submitted to your good office)

(d) Assessment of accident consequences,

By QRA/ HAZOP Recommendations (Report already submitted to your good office)

(e) Safety systems,

As per Safety Management System of GAIL and other relevant codes and standard covering In-built safety, Operational Safety and Physical Safety. HSE Management copy attached (Annexure-V). (f) Known accident history. NIL

- Description of information on organisational systems used to carry on the industrial activity safety, namely:-
- (a) Maintenance and inspection schedules,

As per GAIL maintenance policy and as per Integrated Management System Manual i.e. (ISO: 9001, 14001, 45001 & 50001) & applicable codes and standards and also as per PNGRB/T4S & OISD standards.

(b) Guidelines for the training of personnel,

As per GAIL Training policy, OISD-145, Integrated Management System etc.

(c) Allocation and delegation of responsibility for plant safety,

Respective departmental Organogram as per Integrated Management System.

(d) Implementation of safety procedures.

As per GAIL Fire & Safety Policy, Commitment for Safety, from Corporate as well as plant level & GAIL- Health Safety & Environment Management System.

- 9. Information on assessment of the consequences of major accidents, namely:-
- (a) Assessment of the possible release of hazardous chemicals or of energy

By Quantitative Risk Analysis from reputed third party. As per policy it is to be done after every 5 years or any change in plant process. Last QRA & HAZOP study done in the year 2016 & 2018 respectively.

(Reports already submitted to your good office)

(c) Assessment of the effects of the releases (size of the affected area, health effects, property damage)

By Quantitative Risk Analysis. (Report already submitted to your good office)

- Information on the mitigation of major accidents, namely:-
- (a) Fire brigade

Full-fledged F&S dept. with round the clock duty with a crew of 10 persons each, considering two turnouts at a time in the plant area as per OISD 116 and other relevant standard. Five Fire Tenders having the facility of DCP, Foam and water, Water mist and one Rescue Tender.

(b) Alarm systems

Process related alarms systems already provided in the attached operating manuals. For Fire alarms, MCP's of Fire Alarm system, Automatic Fire and gas detection and suppression system, fixed installation of detection & flooding system of

Argonite/Inergen in Control room & CO2 flooding systems in Gas Turbines and Gas compressors.

(c) Emergency plan containing system of organisation used to fight the emergency, the alarm and the communication routes, guidelines for fighting the emergency, information about hazardous chemicals examples of possible accident sequences,

On Site Emergency Plan, considering various emergency scenarios related to entire plant as per the requirements of Factories Act, MSIHC Rules-1989 & OISD guidelines is prepared and approved by Director, I S & H, Government of Madhya Pradesh. ERDMP, as per PNGRB Regulation-2010, under MOPNG is also in place. Approved page attached-VI

(d) Coordination with the District Emergency authority and its off-site emergency plan,

Off -site Emergency Plan is also in place as per MSIHC Rules-1989 duly signed by District Magistrate, Guna, and Madhya Pradesh.
-Page of approved copy attached-Annexure-VII

(e) Notification of the nature and scope of the hazard in the event of an accident,

As per Factory act, M P Factory Rules, MSIHC Rules-1989, OISD guidelines, PNGRB Regulation-2010 etc.

(f) Antidotes in the event of a release of hazardous chemicals.

It is to be understood that every chemical does not have an antidote. Most of the chemical poisoning requires symptomatic treatment. In our chemicals list only Mercapton and methanol requires specific antidote. We have for Mercapton and for methanol the antidote is not available in India.

Omprakash Tularam Sharma(ओमप्रकाश तुलाराम शर्मा)

From: Omprakash Tularam Sharma(ओमप्रकाश तुलाराम शर्मा)

Sent: Friday, May 29, 2020 4:06 PM

To: Fire and Safety - Noida (फायर एंड सेफ्टी विभाग -नोएडा)

Cc: D P Nanda (डी ग्री नन्दा); A K Roy - F&S (ए के रॉय - एक एंड एस); T K Mohanty (टी के

मोहंती); A W Dhanade (ए डब्ल्यु धनाडे); ED(O&M-CR) Cell - Vijaipur (ईडी (ओ एंड एम

सीं। र) सैल-विजया।्र)

Subject: FW: Compliance to the MSIHC Rules, 1989 notified under Environment (Protection) Act,

1986 - Submission of ESA report to PESO

Attachments: Letter to PESO-Vijaipur.pdf

Dear Sir,

Please find attached herewith subject letter for compliance as per trailing email for your kind perusal.

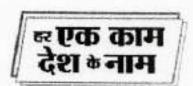
With Best Regards,

सादर,

O.T. SHARMA / ओमप्रकाश टी. शर्मा

Sr. Manager (F&S) | GAIL (India) Limited, GAIL Complex, Vijaipur, Dist-Guna-473112 (M.P) | वरिष्ठ प्रबंधक (अग्नि एवं संरक्षा)। गेस (इंडिया) लिमिटेड, गेल कॉम्प्लेक्स-विजयपुर,जिला- गूना, -४७३११२ (म.प्र)

🕿 दूरभाष- HVJ: 62-4402 (कार्यालय) / 🖣 मोवाईल — 9009603934 / Email: otsharma@gail.co.in



From: Fire and Safety - Noida (फायर एंड सेफ्टी विभाग -नोएडा)

Sent: 28 May 2020 13:59

To: D P Nanda (डी पी नन्दा) <<u>dpnanda@gail.co.in</u>>; J Chakraborty (जे चक्रवर्ती) <<u>ichakraborty@gail.co.in</u>>; G Senthil (जी संथिल) <<u>gsenthil@gail.co.in</u>>; pgiripunje (पी गिरिपुंजे) <<u>pgiripunje@gail.co.in</u>>; Nitin P Nandkar (गितिन पी नांदकर) <<u>npnandkar@gail.co.in</u>>; Himanshu suresh Sharma (हिमांशु सुरेश शर्मा) <<u>himanshu.sharma@gail.co.in</u>>; Praveen B Sakharkar (प्रवीण बी साखरकर) <<u>pbs08059@gail.co.in</u>>; Jai Prakash Ranjan (जय प्रकाश रंजन) <<u>ip.ranjan@gail.co.in</u>>; Sukant Kumar Singh (सुकांत कुमार सिंह) <<u>sukant@gail.co.in</u>>; Prashant Rathor (प्रशांत राठोर) <<u>prashantrathor@gail.co.in</u>>; Prajeesh M.G. (प्राजीश एम जी) <<u>prajeeshmg@gail.co.in</u>>; Sanjiv Rodi (संजीव रोडी) <<u>sr08144@gail.co.in</u>>; Shankar Singh Chouhan (शंकर सिंह चौहान) <<u>shankar.sapsh@gail.co.in</u>>; Raufeek M.H. (रफ़ीक एम एच) <<u>raufeekmh@gail.co.in</u>>; Hitendra Patle (हितेन्द्र पटले) <<u>hp06527@gail.co.in</u>>; Hedi Soman. K (हेडी सोमन के)