

Date: 14th October 2025

OD/DMSL/Project/2025-26/074

Director,
Ministry of Environment, Forests & Climate Change, Government of India,
Regional Office {East Zone},
Regional Office {EZ}, A/3, Chandersekhanpur,
Bhubaneswar-751023

Subject: Submission of Six-monthly Compliance Report. June 2025 of the Environmental/ Safeguards conditions stipulated in Environment clearance letter for the Proposed "Technical Ammonium Nitrate Manufacturing Plant" at DLCT-1, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi, Tehsil-Chatrapur, District-Ganjam. Odisha by M/s Mahadhan AgriTech Ltd. (MAL) (Formerly known as M/s Smartchem Technologies Limited)

Reference: F. No. IA-J-11011/152/2020-IA-II(I) dated 25th May 2021 & Name change letter from M/s Smartchem Technologies Limited to M/s Mahadhan AgriTech Limited on 7th December 2023.

Dear Sir,

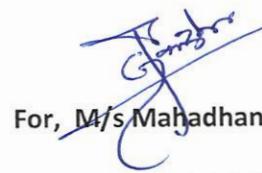
We wish to inform you that we have obtained Environmental clearance from MoEF & CC vide letter no: F. No: IA-J-11011/152/2020-IA-II(I) dated 25th May 2021 & subsequently received the name change letter on dated 7th December 2023 for the Proposed "Technical Ammonium Nitrate Manufacturing Plant" at DLCT-1, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi, Tehsil-Chatrapur, District-Ganjam, Odisha by M/s Mahadhan AgriTech Ltd. (MAL) (Formerly known as M/s Smartchem Technologies Limited).

In this regard, we wish to inform you that, as per the conditions laid down in the Environmental Clearance letter, we are hereby submitting Six-monthly Compliance report along with all the requisite annexure as per the guidelines of the Ministry of Environment, Forest & Climate Change.

Hope this will meet the requirements.

Thanking you,

Yours faithfully,



For, M/s Mahadhan AgriTech Limited (MAL)

AUTHORISED SIGNATORY

SIX MONTHLY COMPLIANCE REPORT, June-2025

“PROPOSED TECHNICAL AMMONIUM NITRATE MANUFACTURING PLANT”



at
**DLCT-1, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi,
Tehsil- Chatrapur, District- Ganjam, Odhisha- 761020**

Environment Clearance Letter	F.No. IA-J-11011/152/2020-IA-II(I) dated 25 th May, 2021
Category as per EIA notification, 2006	5(a), A

Project Proponent



(Formerly known as Smartchem Technologies Limited)

M/s MAHADHAN AGRITECH LTD. (MAL)
(Formerly known as Smartchem Technologies Ltd.)
Taloja Office- Plot K1, MIDC Industrial Area, Taloja- 410 208
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Chapter-1 Introduction

M/s Mahadhan Agritech Ltd. (MAL) (Formerly known as M/s Smartchem Technologies Limited), a 100% subsidiary of Deepak Fertilizers and Petrochemicals Corporation Limited (DFPCL) is one of the leading manufacturers of Technical Ammonium Nitrate (TAN) in the world and the only producer of explosive grade Low Density Porous Prilled Ammonium Nitrate (LDAN) in India. It is the largest manufacturer of TAN in India and ranked amongst top 5 manufacturers globally. The total installed capacity of plants is around 500,000 MT at different locations. MAL manufactures different types of Technical Ammonium Nitrate products with different technology to suit the requirements of their customers, delivering specific solutions for their applications. Their state-of-the-art manufacturing units are strategically located at the Eastern and Western coasts of India to efficiently cater to the domestic as well as international markets.

Now, MAL has proposed to install a Technical Ammonium Nitrate Plant which comprises of 900 MTPD (100% basis) Weak Nitric Acid (NA) plant to manufacture Ammonium Nitrate solution 1143 MTPD (100% basis). The produced Ammonium Nitrate solution of 1143 MTPD shall be used to produce max 300 MTPD Ammonium Nitrate melt and Technical Ammonium Nitrate (TAN) Prills (either LDAN or HDAN on campaign basis) with max. 1000 MTPD production. The Product mix set-up will be such that the production of TAN will not be more than 1143 MTPD. From the TAN prilling plant, both LDAN and HDAN can be produced. The proposed site is located within the domestic tariff area of the Industrial Park being developed by Tata Steel SEZ Limited (TSSEZL) at Gopalpur, Odisha. The total plant area is 40.24 acres.

There will be facility for power generation (Cogen) from waste heat steam from the NA plant to generate 4.6 MW of power. As well MAL will also set up Captive coal-based power plant for generation of 10 MW or lesser capacity. Power from coal based captive power plant will be produced in accordance with the requirement.

The proposed project will include site development, main process plants along with Offsites facilities & Utilities, raw material and product storages, electrical substation, covered warehouses, manufacturing plant and administrative buildings etc. The project shall also include the construction of cross-country facilities for receipt of imported ammonia from ships.

Technical Ammonium Nitrate (TAN) is used primarily for all non-fertilizer applications. It is a key ingredient in pharmaceuticals, mining, power, construction, and steel industries. The proposed project “manufacturing of Technical Ammonium Nitrate” is an inorganic compound and not covered under purview of EIA notification, 2006. However, the manufacturing process of TAN being broadly similar to

the Fertilizer manufacturing process, project was applied under category item no 5(a) i.e., Chemical Fertilizer as per the EIA notification, dated September 14, 2006 (as amended time to time).

Environmental clearance from MoEF&CC was taken vide F. No. IA-J-11011/152/2020-IA-II (I) dated 25th May, 2021. Copy of Environmental Clearance is attached as **Annexure 1**. Thereafter, Transfer of Environmental clearance was also taken from M/s Smartchem Technologies Limited to M/s Mahadhan Agritech Limited by MoEF&CC vide IA-J-11011/152/2020-IA-II(I) dated 07.12.2023 is attached as **Annexure 1.1**. Project is under construction.

A summary of the total proposed development area is given in **Table 1.1** below.

Table 1.1 : Salient Feature of the project

S. No.	Particular	Unit	Details
1.	Products to be manufactured & Capacity	MTPD	900
	Technical Ammonium Nitrate Solution (TAN) (100% basis) #	MTPD	1143
	Technical Ammonium Nitrate Prill (LDAN or HDAN on campaign basis) ##	MTPD	1000
	Captive Power Plant (CPP) – (I + II)	MW	14.6
	I -From Coal Fired Boiler- Applicability of EC	MW	10
	II - From waste heat turbo Generator (STG)- Exempted from EC	MW	4.6
2.	Total Plot Area	Acre	40.24
3.	Green belt area	Acre	13.28
4.	Water Requirement	KLD	7000
5.	Wastewater Generation (Industrial + Domestic)	KLD	1614
6.	Wastewater Treatment Unit- ETP	KLD	2150
7.	Power Requirement		
	Connected Load	MW	16
	Normal Operating Load (Demand load)	MW	12 ~ 12.5
8.	Power Backup	KVA	2250 & 1250
9.	Manpower Requirement (Contractual & Permanent)	No.	320 (120+200)
10.	Project cost including Environmental controlling equipment	Rs. Crores	1600
11.	Capacity of Steam Boiler	TPH	2 x 60

Chapter-2 Construction Status

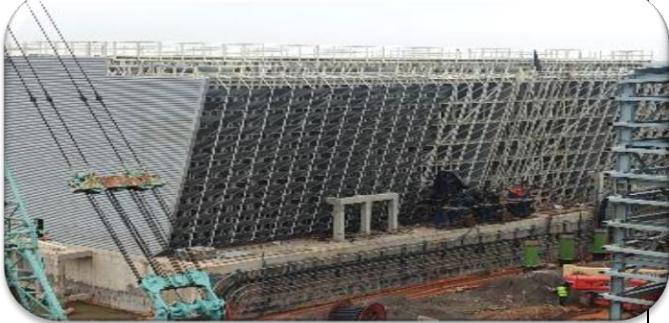
Construction has started at the site. Status of construction is given below in **Table 1.2**

Table 1.2 : Status of Construction

S. No.	Particular	Status
1.	Pilling Work	100%
2.	Ground Improvement	100%
3.	Boundary Wall	100%
4.	Green Belt	604 saplings Planted so far
5.	RCC works	70%
6.	Structural Works	75%
7.	Piping Works	31%
8.	Equipment Erection Works	73%

Site Photographs



Substation Building	TG Building
ANS Process Plant	Cooling tower
	
	
Ammonia Storage Tank	WNA Process Plant
	
NA Storage Tank	Pipe rack

Chapter-3 Point-Wise Compliance of The Environmental Conditions

Specific Conditions											
S. No.	Conditions	Compliance									
1.	<p>The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.</p>	<p>Noted and shall be complied.</p> <p>Summary of Environmental measures adopted are attached as Annexure 2.</p>									
2.	<p>A continuous online (24*7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.</p>	<p>Noted and shall be installed after completion of construction work.</p>									
3.	<p>The storage of toxic/hazardous raw material shall be bare minimum with respect to quantity and inventory. Quantity and days of storage shall be submitted to the Regional Office of Ministry and SPCB along with the Compliance report.</p>	<p>Noted and shall be complied.</p> <p>Details of planned storage is given below:</p> <table border="1"> <thead> <tr> <th>Hazardous Chemical</th><th>Type of storage</th><th>Capacity in MT</th></tr> </thead> <tbody> <tr> <td>Ammonia</td><td>Atmospheric Storage Tanks</td><td>10,000 X2</td></tr> <tr> <td>Ammonium Nitrate (TAN)</td><td>Overall TAN storage capacity</td><td>5000 MT in Bagging go down, inclusive of</td></tr> </tbody> </table>	Hazardous Chemical	Type of storage	Capacity in MT	Ammonia	Atmospheric Storage Tanks	10,000 X2	Ammonium Nitrate (TAN)	Overall TAN storage capacity	5000 MT in Bagging go down, inclusive of
Hazardous Chemical	Type of storage	Capacity in MT									
Ammonia	Atmospheric Storage Tanks	10,000 X2									
Ammonium Nitrate (TAN)	Overall TAN storage capacity	5000 MT in Bagging go down, inclusive of									

					600 MT in Conditioning silo whenever in use	
		Weak Nitric acid (100 % Basis)	Tank	1500 X 4		
		Ammonium nitrate solution storage (100 % Basis)	Tank	3 x 30		
		Sulphuric Acid (98%)	Tank	25 X 1		
		Caustic (48-50%)	Tank	35 X 1		
		Coal for Boiler	Bulk	2000		
		Chlorine	100 kg cylinders	5 cylinders		
		Diesel	Tank	990 liters		
		LPG	19.5 kg cylinders	5 cylinders		
4.	Occupational health centre for surveillance of the worker's health shall be set up. The data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.	<p>Noted and shall be complied.</p> <p>PPE are provided to all employees. Photographs are attached as Annexure 3.</p> <p>A full-fledged occupational health center (OHC) is established within the plant for the employee & workmen to give first aid in case of any emergency or an employee or workman is feeling sick or is not well. An MBBS doctor is now appointed and available in the OHC weekly twice a time. The center having the provision for all necessary emergency equipment as well as one emergency bed & stretcher for indoor admission and observations. Besides, an ambulance van is also available at site on round the clock for transportation of patients as and when required. In addition to above, the company is having 4 well-trained Male Nurse in First aid center. Also, our contractors are tie up with the nearby Hospital for medical help. The first Aid</p>				

		facility and Premedical health checkup is enclosed with Annexure 3.1 , and Hospital Tie up letter is enclosed with Annexure 3.1 .
5.	Training shall be imparted to all the employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.	<p>Noted and shall be complied.</p> <p>Training is conducted on regular basis to train about the safety procedures and strictly following the rules. Photographs of Trainings are attached as Annexure 4.</p>
6.	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms.	<p>Noted and shall be complied.</p> <ul style="list-style-type: none"> • A separate sprinkler system with fire hydrant system/monitors shall be provided for fire protection of the tank. • Fire hydrant systems will be provided as per defined guidelines to fight any emergency. • Fire-fighting equipment will be provided at all the locations. <p>Various measures shall be adopted for protection of possible fire hazards like the fuel supply to boiler shall be fitted with an automatic shut-off mechanism, Operators shall be trained in safe systems of work, The building shall be designed to be non-combustible with automatic fire suppression engineered, Risk assessments shall be carried out to consider the potential dispersal and the potential impact of an explosion on the surrounding areas, Regular safety audits shall be undertaken etc.</p> <p>Fire Fighting Layout is attached as Annexure 5.</p>
7.	Safety and risk assessment studies shall be conducted, and action plan and mitigation measures shall be properly implemented.	<p>Safety and risk assessment study shall be carried out after completion of work.</p> <p>HAZOP study is carried out jointly with Licenser, EPCM consultant and MAL team. Necessary</p>

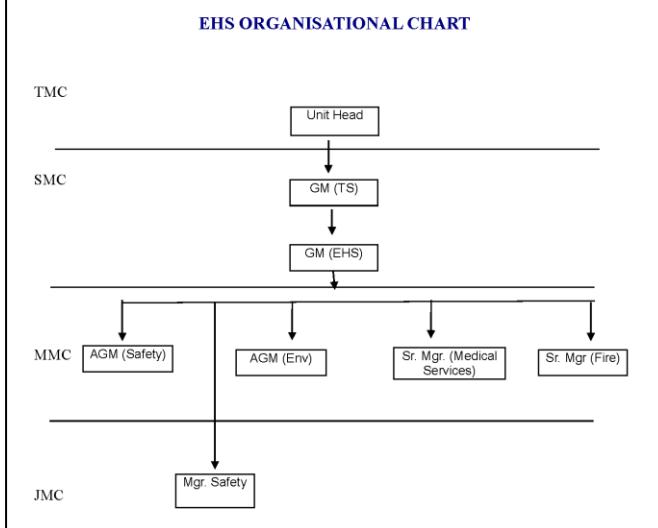
		recommendations have been incorporated and PIDs are updated.
8.	Solvent management shall be carried out as follows: (a) Reactor shall be connected to chilled brine condenser system. (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. (c) Solvents shall be stored in a separate space specified with all safety measures. (d) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. (e) Entire plant shall be flaming proof. The solvent storage tanks shall be connected with vent condensers with chilled brine circulation.	<p>Not Applicable.</p> <p>Solvent will not be used in the plant.</p>
9.	Volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.99% with effective chillers/modern technology.	<p>Measures proposed to be adopted to eliminate fugitive & VOC emissions are.</p> <ul style="list-style-type: none"> ➤ Preventive measures like SOP, Work Permit System, and Physical inspection / Monitoring of equipment will be taken to eliminate the chance of accident on account of explosion, spillages, fire, or hazardous substances etc. ➤ The finished product will be transported through covered trucks. ➤ ESP shall be provided for the Boiler to capture the particulate matter. ➤ The exhausted hot air loaded with dust leaving the dryer drums is sucked into the scrubbers by means of blower. The washing of the air is done in the Ventures and scrubber with an AN washing solution. Clean air is then sent to the stack by means of the air blower. ➤ Ammonia Storage tanks Compressor will be provided to maintain tanks pressure by

	<p>converting vapor Ammonia to Liquid Ammonia and then returning to Tanks.</p> <ul style="list-style-type: none">➤ Ammonia gas detectors will be installed at identified location near Ammonia storage Tanks.➤ Installation of Leakage detectors wherever required and installation of safety & relief valves and routed to safe location to avoid fugitive emissions.➤ Automatic weighing and Bagging machine will be provided with system to reduce spillage.➤ Any Spillage/emission of dust during different activities of handling/ manufacturing process will be collected manually/by de-dusting system and recirculated within the process.➤ Bag Filters and ID fans will be provided for collecting fugitive emissions for recycle into process.➤ De-dusting system will be provided in the Bagging & Material Handling plant to collect fugitive emission of ammonium nitrate dust.➤ Breather Valves will be used in the ammonia storage.➤ Proper maintenance & operation for leak proof condition of machinery on regular basis.➤ Sensors and detectors will be provided at strategic locations for early detection of any leak.➤ Fire hydrant system will be provided as per defined guidelines to fight any emergency.➤ Airborne dust at all transfers operations/ points will be controlled either by spraying water or providing enclosures.
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		<ul style="list-style-type: none"> ➤ Regular maintenance of valves, pumps and other equipment will be done to prevent leakages and thus minimizing the fugitive emissions of VOCs. ➤ Entire process will be carried out in the closed loop with proper maintenance of pressure and temperature. ➤ Periodic monitoring of work area will be carried out to check the fugitive emission. ➤ To eliminate chances of leakages from glands of pumps, mechanical seal will be provided. ➤ Good housekeeping, proper maintenance and continuous observation will prevent the chances of any fugitive emission from the process plant. ➤ When monitoring, if results indicate parameters above permissible limit, necessary correction/corrective action will be done immediately. ➤ Continuous Ambient Air and Stack Monitoring station shall be installed in the plant to monitor all the important parameters. <p>Photographs of Water sprinkling is attached as Annexure 2.</p>
10.	<p>Total freshwater requirements shall not exceed 7000 KLD which will be met from TSSEZL for industrial and domestic use. Necessary permission in this regard shall be obtained from the concerned regulatory authority and renewed from time to time.</p>	<p>Noted and shall be complied. The total industrial water requirement is estimated as 7000 KLD.</p> <p>Industrial water will be provided by TSSEZL for industrial and domestic use.</p> <p>The construction water facility is being developed by TSSEZL and being used for the construction works.</p>

11.	<p>Storm water from the roof top shall be channelized through pipes to the storage tank constructed for harvesting of rainwater in the premises and harvested water shall be used for various industrial processes in the unit. No recharge shall be permitted within the premises. Process effluent/any wastewater shall not be allowed to mix with storm water.</p>	<p>Noted and shall be complied.</p> <p>A rainwater harvesting / aquifer recharging system have been proposed as water conservation measure. The systems shall be installed at such location of the project area close to the administrative building so as to facilitate collection of most of the rainwater from the roofs of the building of the project area within the project site. Storm water is collected through concrete drains from the total plant area and will be directed to the rainwater harvesting system. No effluent raising from the process plants and associated facilities will be allowed to the storm water drains.</p> <p>The system will be cleaned during dry period and will be made ready to collect water for harvesting from its command area during monsoon. Provision has also been made in the rainwater harvesting system for Chlorination/disinfection especially during the first phase of monsoon.</p>
12.	<p>The company shall undertake waste minimization measures as follows (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of byproducts from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.</p>	<p>Noted and shall be complied.</p>
13.	<p>The green belt of at least 5-10 m width shall be developed in at least 33% of the total project area, mainly along the</p>	<p>Noted and shall be complied.</p>

	<p>plant periphery/additional land. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map. Trees have to be planted with spacing of 2m*2m and number of trees have to be increased accordingly. The plant species can be selected that will give better carbon sequestration. All trees must be planted within first year. In addition to the above-mentioned greenbelt development, PP shall also plant 10000 plants in around the study area.</p>	<p>In order to mitigate and minimize the environmental impacts, arising due to project especially from air pollution, noise pollution, soil erosion etc. a dense Greenbelt shall be developed all around the proposed site.</p> <p>MAL will develop a dense greenbelt in about 13.28 Acre (5.374 ha) (33 percent) area within the plant. About 1150 trees/ha shall be planted. On average about 6450 trees/shrubs along with, garden, herbs and shall be planted within the premises as a greenbelt. The green canopy not only absorbs some of these pollutants as carbon sink but also improves the aesthetic environment, besides attenuating the noise levels. Approx. 2 crores shall be spent on the green belt within and outside premises.</p> <p>Out of total trees, 604 no of saplings have already been planted at site. Photographs of plantation is attached as Annexure 6.</p>
14.	<p>The activities and the action plan proposed by the project proponent to address the socio-economic issues in the study area, shall be completed as per the schedule presented before the Committee and as described in the EMP report in letter and spirit.</p>	<p>Noted and shall be complied.</p> <p>Through CSR/CER activity company management will be committed to improve infrastructural facilities for the local people in field of Environmental, Infrastructure, Medical, and Transportation etc.,</p> <p>Details of few activities carried out in nearby area is attached as Annexure 7.</p>
15.	<p>A separate Environment Management Cell (having qualified person with Environment Science/ Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.</p>	<p>Noted and shall be complied.</p> <p>MAL will create a team consisting of officers to co-ordinate the activities concerned with management and implementation of environmental control measures. This team undertakes the activity of monitoring the ambient air quality, noise level etc. either departmentally or by appointing external agencies assistance wherever necessary. Regular</p>

	<p>monitoring of environmental parameters will be carried out to find out any deterioration in environmental quality and also to take corrective steps are taken, if required, through respective departments. The Environmental Management Cell also collects data about health of workers, green belt development etc.</p> <p>Company appointed full time EHS Manager at site to monitor and comply the related aspects and activities.</p> <p>The EHS Organization chart is given below.</p>
<p>EHS ORGANISATIONAL CHART</p>  <pre> graph TD TMC[] --> UnitHead[Unit Head] UnitHead --> SMC[SMC] SMC --> GM_TS[GM (TS)] SMC --> GM_EHS[GM (EHS)] GM_EHS --> MMC[MMC] MMC --> AGM_Safety[AGM (Safety)] MMC --> AGM_Env[AGM (Env)] MMC --> Sr_Mgr_Medical[Sr. Mgr. (Medical Services)] MMC --> Sr_Mgr_Fire[Sr. Mgr (Fire)] MMC --> JMC[JMC] JMC --> Mgr_Safety[Mgr. Safety] </pre>	

General Conditions		
S. No.	Condition	Compliance
1.	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of the Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to the Ministry for	Noted and shall be complied.

	clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	
2.	The Project Proponent shall strictly comply with the rules and guidelines issued under the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996, and Hazardous an Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 and other rules notified under various Acts.	Noted and shall be complied.
3.	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	LED shall be used in the plant. At present 5 High Masts (with LED lightings) are installed and working at site.
4.	The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).	Noted and shall be complied during construction and operation phase.
5.	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. The activities shall be undertaken by involving local	Noted and shall be complied. Through CSR/CER activity company management will be committed to improve infrastructural facilities for the local people in field of

	<p>villages and administration. The company shall undertake eco-development measures including community welfare measures in the project area for the overall improvement of the environment.</p>	<p>Environmental, Infrastructure, Medical, and Transportation etc.,</p> <p>Details of few activities carried out in nearby area is attached as Annexure 7.</p>																					
6.	<p>The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.</p>	<p>Noted and shall be complied. The budget for the Environmental Management Plan will be Rs 92.45 crores as capital cost along with recurring cost of Rs 20.70 crores. Details are given below</p> <table border="1" data-bbox="812 734 1470 1227"> <thead> <tr> <th>Particulars</th><th>Capital cost in Rs. (Crores)</th><th>Recurring Cost Rs. (Crores)</th></tr> </thead> <tbody> <tr> <td>Water pollution Control, Effluent & Sewage Treatment plant</td><td>23.55</td><td>12.50</td></tr> <tr> <td>Air Pollution Equipment</td><td>50.45</td><td>5..50</td></tr> <tr> <td>Rainwater harvesting & Green belt development</td><td>3.45</td><td>1.00</td></tr> <tr> <td>Solid and Hazardous waste Management</td><td>10.00</td><td>0.70</td></tr> <tr> <td>Noise Pollution Control</td><td>5.00</td><td>1.00</td></tr> <tr> <td>Total</td><td>92.45</td><td>20.70</td></tr> </tbody> </table>	Particulars	Capital cost in Rs. (Crores)	Recurring Cost Rs. (Crores)	Water pollution Control, Effluent & Sewage Treatment plant	23.55	12.50	Air Pollution Equipment	50.45	5..50	Rainwater harvesting & Green belt development	3.45	1.00	Solid and Hazardous waste Management	10.00	0.70	Noise Pollution Control	5.00	1.00	Total	92.45	20.70
Particulars	Capital cost in Rs. (Crores)	Recurring Cost Rs. (Crores)																					
Water pollution Control, Effluent & Sewage Treatment plant	23.55	12.50																					
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Noise Pollution Control	5.00	1.00																					
Total	92.45	20.70																					
7.	<p>A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.</p>	<p>Copies were circulated to all offices. Receiving is attached as Annexure 8.</p>																					
8.	<p>The Project Proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data to the respective Regional Office of MOEF&CC, the respective Zonal</p>	<p>Noted and shall be complied.</p>																					

	Office of CPCB and SPCB. A copy of Environmental Clearance and six-monthly compliance status report shall be posted on the website of the company.	
9.	The environmental statement for each financial year ending 31 st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Office of the Ministry.	Form V shall be submitted after operation of plant.
10.	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 SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/ . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Advertisement was published in the Newspaper on 30.05.2021. Copies are attached as Annexure 9 .
11.	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the	Noted and shall be complied.

	concerned authorities and the date of start of the project.	
12.	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Noted.

Annexure – 1: Environmental Clearance Letter & Name Change transfer letter

Annexure – 2: Environment Measures adopted at Site

Annexure- 2.1: Ambient Air Quality Monitoring report

Annexure – 3: Safety Measures adopted at Site

Annexure- 3.1: First aid center and Ambulance Facility

Annexure -3.2: Hospital Tie up letter

Annexure – 4: Photographs of Safety Trainings

Annexure – 5: Layout showing Fire fighting line at site

Annexure – 6: Photographs of Tree Plantation

Annexure – 7: CER activities carried out in nearby area

Annexure – 8: Receiving of Intimation Letter for EC

Annexure – 9: Copy of Advertisement

**Six Monthly Compliance Report- December 2023 for Technical Ammonium
Nitrate Manufacturing Plant at DLCT-1, Domestic Tariff Area, Gopalpur
Industrial Park, Chamakhandi, Tehsil- Chatrapur, District- Ganjam,
Odhisha**





File No:IA-J-11011/152/2020-IA-II(I)

Government of India

Ministry of Environment, Forest and Climate Change

IA Division



Dated 07/12/2023



To,

Sh. Chitta Ranjan Panigrahi Associate Vice President M/s MAHADHAN AGRITECH LIMITED
Sai Hira, Survey No.93, Mundhwa, Pune -411036 . Maharashtra India., PUNE, MAHARASHTRA,
411036
chittaranjan.panigrahi@dfpcl.com

Subject: Transfer of Environmental Clearance (EC) from M/s Smartchem Technologies Limited to M/s Mahadhan Agritech Limited for “Technical Ammonium Nitrate Manufacturing Plant” located at DLCT-1, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi, Tehsil- Chatrapur, District- Ganjam, Odhisha - reg

Sir/Madam,

1. This has reference to your online proposal no. IA/OR/IND3/450268/2023 dated 26.10.2023 regarding transfer of Environmental Clearance from M/s Smartchem Technologies Limited to M/s Mahadhan Agritech Limited.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC23A1907OR5896324T
(ii) File No.	IA-J-11011/152/2020-IA-II(I)
(iii) Clearance Type	Transfer of EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	5(a) Chemical fertilizers ,1(d) Thermal Power Plants
(vi) Sector	Industrial Projects - 3
(vii) Name of Project	Transfer of Environmental clearance (EC) from M/s Smartchem Technologies Limited to M/s Mahadhan Agritech Limited for “Technical Ammonium Nitrate Manufacturing Plant” located at DLCT-1, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi, Tehsil- Chatrapur, District- Ganjam, Odhisha
(viii) Name of Company/Organization	

(ix) Location of Project (District, State)	GANJAM, ODISHA
(x) Issuing Authority	MoEF&CC
(xi) EC Date	25/05/2021
(xiii) Details of Transferee	M/s Mahadhan Agritech Limited Smartchem Technologies Limited, DFPCL, Sai Hira, Survey no. 93, Mundhwa, Pune City, 490, 27, 411036
(xiv) Details of Transferor	

3. The Ministry of Environment, Forests and Climate Change has granted Environmental Clearance vide letter no. F.No. IA-J-11011/152/2020-IA.II (I) dated 25th May, 2021 for Setting up of Technical Ammonium Nitrate Manufacturing Plant" located at DLCT-1, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi, Tehsil- Chatrapur, District- Ganjam, Odhisha to M/s Smartchem Technologies Limited (STL).

4. Now, M/s Mahadhan Agritech Limited has informed vide their letter no. OD/MAL/Project/2023-24/009 dated 25.10.2023 that the company has changed the name from M/s Smartchem Technologies Limited (STL) to M/s Mahadhan Agritech Limited.

5. NOC from transferor i.e M/s Smartchem Technologies Limited signed by Arun Agrawal, Executive Vice President, M/s Smartchem Technologies Limited states that only the name of company has been changed and board of directors/Management of the company are same, there is no change in the management and share holding.

6. Office of the Registrar of Companies, Ministry of Corporate Affairs has issued Certificate of Incorporation pursuant to change of name stating that the name of the company has been changed from SMARTCHEM TECHNOLOGIES LIMITED to MAHADHAN AGRITECH LIMITED. CIN No. is : U67120PN1987PLC166034. Certificate of Incorporation pursuant to change of name indicates Corporate Identification Number (CIN): U67120PN1987PLC166034.

7. A copy of undertaking signed by Shri Chittaranjan Panigrahi, Associate Vice President of M/s Mahadhan Agritech Limited, has been submitted stating to abide by all the terms and conditions i.e specific conditions, general conditions and other conditions prescribed in the environmental clearance dated 25th May, 2021.

8. As per the relevant provisions of the EIA Notification, 2006, the environmental clearance to the project for "Technical Ammonium Nitrate Manufacturing Plant" located at DLCT-1, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi, Tehsil- Chatrapur, District- Ganjam, Odhisha was granted by this Ministry vide letter of even No. dated 25th May, 2021 is hereby transferred **from M/s Smartchem Technologies Limited to M/s Mahadhan Agritech Limited**, on the same terms and conditions and validity period under which prior environmental clearance was initially granted.

9. This issues with approval of the competent authority.

Copy To

1. The Deputy Director General of Forests (C), Ministry of Env., Forest and Climate Change, Integrated Regional Office, A/3, Chandersekharpur, Bhubaneswar, Odisha – 751023.
2. The Additional Chief Secretary, Department of Forest, Environment and Climate Change, Govt. of Odisha, Kharavel Bhavan, Bhubaneswar, Odisha.
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi – 32.
4. The Member Secretary, Odisha State Pollution Control Board, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit – VIII, Bhubaneswar, Odisha 751012.
5. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001.

6. The District Collector, Ganjam, Odisha -754103.
7. Guard File/Record File/Monitoring File/MoEF&CC Website/Parivesh Portal.

Additional EC Conditions

N/A



Signature Not Verified

Digitally Signed by : Mr A N Singh
Member Secretary, MoEFCC (EC)

Date: 07/12/2023



By Speed post/Online
F.No: IA-J-11011/152/2020-IA-II(I)
Government of India
Ministry of Environment, Forest and Climate Change
Impact Assessment Division

Indira Paryavaran Bhavan,
Vayu Wing, 3rd Floor, Aliganj,
Jor Bagh Road, New Delhi-110 003

Dated: 25th May, 2021

To,

M/s Smartchem Technologies Ltd. (STL),
DFPCL, Sai Hira, Survey no. 93,
Mundhwa, Pune City, Pune,
Maharashtra-411036

Email: chittaranjan.panigrahi@dfpcl.com

Sub: Setting up of Technical Ammonium Nitrate Manufacturing Plant by M/s Smartchem Technologies Ltd. (STL) located at DLCT-1, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi, Tehsil- Chatrapur, District- Ganjam, Odhisha -Environment Clearance regarding.

Sir,

This has reference to your online proposal No. No IA/OR/IND2/160599/2020, dated 12th February, 2021 for environmental clearance to the above-mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the project for setting up of Technical Ammonium Nitrate Manufacturing Plant by M/s Smartchem Technologies Ltd. (STL), located at DLCT-1, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi, Tehsil- Chatrapur, District- Ganjam, Odhisha.

3. All Chemical Fertilizer units are listed at S. No. 5(a) of the 'Schedule' of the Environmental Impact Assessment (EIA) Notification under Category 'A' and appraised at Central Level by Expert Appraisal Committee (EAC). The proposal also includes coal-based power generation of 10 MW, which is listed as category 1(d), i.e., thermal power plants in the Schedule under Category 'B' of EIA notification, 2006.

4. The details of proposed products and capacity are as under:-

S. No	Name of Product	Quantity	
		MTPD	MTPA
1.	Nitric Acid (NA)- (100% basis)	900	2,97,000
2.	Technical Ammonium Nitrate Solution (TAN) (100% basis)	1143	3,77,190
3.	Technical Ammonium Nitrate Prill (LDAN or HDAN on campaign basis)	1000	3,30,000

4.	Captive Power Plant (CPP) – (I + II)	14.6 MW	-
	I- From Coal Fired Boiler- Applicability of EC- I	10 MW	-
	II- From waste heat turbo Generator (STG)- (Exempted from EC)	4.6 MW	-

5. Terms of Reference (TOR) was issued by MoEF&CC vide letter of even no. dated 24.07.2020. Since environmental clearance has already been granted to TSSEZL Industrial Park (Gopalpur Industrial Park) by MoEF&CC under item no. 7(c) vide letter no. 21-136/2015-IA.III dated 20.09.2018, thus public hearing/public consultation is exempted for the instant proposal.

6. Total land area for the proposed project is 40.24 Acres. Industry will develop greenbelt in an area of 33.0% i.e., 13.28 acre out of total area of the project. The estimated project cost is Rs.1600 Crores. Total capital cost earmarked towards environmental pollution control measures is Rs.92.45 Crores and the Recurring cost (operation and maintenance) will be about Rs.20.70 Crores per annum. Total Employment will be of 1820 persons. It is committed that Rs.8.0 Crore will be spent towards Corporate Social Responsibility.

7. There are no environmentally sensitive components such as National Park, Wildlife Sanctuary, Elephant / Tiger Reserve, forest migratory routes of fauna and wet land present within 10 Km radius of plant site. However, few water bodies are flowing near to the project site i.e., Khari Nala (0.40 Km, W), Bay of Bengal (2.58 Km, E) and Surya River (8.19 Km, W).

8. Ambient air quality monitoring was carried out at 8 locations during 1st October 2020 to 31st December 2020 and the baseline data indicates the ranges of concentrations as: PM10 (47-110 $\mu\text{g}/\text{m}^3$), PM2.5 (22.5-58.0 $\mu\text{g}/\text{m}^3$), SO2 (5.38-15.4 $\mu\text{g}/\text{m}^3$) and NOx (13.8-40.6 $\mu\text{g}/\text{m}^3$). AAQ modeling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 3.78 $\mu\text{g}/\text{m}^3$, 3.03 $\mu\text{g}/\text{m}^3$, 4.89 $\mu\text{g}/\text{m}^3$, 1.17 $\mu\text{g}/\text{m}^3$ and 1.52 $\mu\text{g}/\text{m}^3$ with respect to PM10, PM2.5, NOx, SO2, & NH3. All parameter concentrations are within the National Ambient Air Quality Standards (NAAQS) except PM10.

9. Total water requirement is 7000 KLD. Industrial water will be provided by TSSEZL for industrial and domestic use. Total amount of industrial effluent that is envisaged to be generated is 1614 KLD. Rest water will be re-circulated within the process. A suitable Effluent Treatment Plant (ETP) shall be installed for treatment of all wastewater. Discharge from this ETP shall be routed to the Common ETP developed by TSSEZL within the Industrial Park. In principle, TSSEZL has agreed to accept this STL ETP discharge as input to their CETP. The CETP of TSSEZL is RO based, which will further treat the disposed effluent from STL site. Part of the water supply in form of recycled water from TSSEZL will be from their CETP which will be used within the STL plant as make-up for Cooling Tower.

10. Total connected load of the complex shall be around 16 MW and normal operating load (demand load) will be 12~12.5 MW. 4.6 MW of power requirement will be sourced from NA plant process waste Steam turbo Generator (STG). The start-up power (5 MVA) will be sourced from the State grid. Remaining power requirement will be

sufficed by coal based Captive Power plant. Power from coal based captive power plant will be produced in accordance with the requirement. 2250 kVA and 1250 kVA DG Sets will be used as standby during power failure. Stack Height of 30 m will be provided as per CPCB norms to the proposed DG sets. PP reported that 2 x 60 TPH coal fired boiler will be installed in the plant. ESP and stack of height of 70 m will be installed for controlling the particulate emissions within the statutory limit for the proposed boiler.

11. Details of Process emissions generation and its management:

Stack No.	Stack Attached to	Stack Height	APCS	Expected Pollutants
1	Tail Gas from Nitric Acid Plant	63 m	Passed through by selective catalytic reduction with ammonia in presence of Vanadium Pentoxide, Platinum or Iron/Chromium oxides catalysts	NOx (NO2)
2	Prilling Tower and TAN plant common scrubbing stack	35 m (Scrubber)	The air is cooled and scrubbed	PM, NH3

12. Details of Solid waste & Hazardous waste generation and its management:

The municipal solid waste generation at the project site will be 99 Kg/day which will be segregated in biodegradable waste and recyclable waste. Recyclable waste (paper, plastic, glass, etc) will be sold off to authorized vendors and Biodegradable waste (canteen waste, food waste, green area waste, etc) to common waste management site of TSSEZL for disposal. Solid Waste Management Rules, 2016 shall be followed.

S. No	Name of Waste	Source of Generation	Category No. (As per HW Rules 2016)	Quantity	Mode of Treatment & Disposal Method
1	Discarded Containers/Bags /Liners	Storage & Handling of Raw Materials	Sch-I/33.1	150 MTPA	Collection, Storage, Decontamination or sale to authorised decontamination facility
2	Used/Spent Oil	Filtration	Sch-I/5.1	60 KL/Annum	Collection, Storage, Transportation & Disposal by selling to registered Refiners
3	ETP Sludge	In-house ETP	Sch-I/35.3	Approx. 300 MTPA	Collection, Storage, Transportation and disposal to authorized CHWTSDF

4	Metal Scrap	-	Non-Hazardous	60 MTPA	To approved recycler
5	Fly ash	Boiler	Non-Hazardous	41580 MTPA	Sell to cement Industry
6	Spent Ion Exchange resin	DM plant	Sch-I/35.1	5000 lit in 5 years	Collection, Storage, Transportation and disposal to authorized CHWTSDF
7	NOx abator used Catalyst	NOx abator	Sch-I/18.1	10 MT/five year	Collection, Storage, Transportation and disposal to authorized CHWTSDF
8	Catalyst (Platinum, Rhodium Catalyst)	Process	Sch-I/18.1	160 Kg/Year	Regeneration

Note: PP also reported that the spent catalyst in the form of metallic oxides will be stored in MS drums with sealed lid. Same will be sold to CPCB/MoEF&CC authorized/registered recycler for its recycling.

13. It has been informed that the pipeline of the project falls in the CRZ area. Therefore, CRZ clearance is also required for pipelines. PP submitted the EC application for Chemical Fertilizer in Industry 3 Sector and CRZ application for pipeline before the CRZ Sector. Project Proponent informed the EAC that the CRZ proposal for pipeline is under consideration with CRZ Sector for CRZ clearance, vide proposal no. IA/OR/CRZ/204641/2021. The matter has been examined in the Ministry based on the comments of CRZ Sector.

14. The proposal of EC was initially placed before the EAC in its meeting held during March 11-12, 2021 wherein the EAC deferred the proposal. Based on the information submitted by PP on 31.03.2021, the proposal was again re-appraised by the Expert Appraisal Committee (Industry-3 Sector), in its 9th meeting held during 12-13 April, 2021. The project proponent and their consultant M/s. EQMS India Pvt. Ltd, made a detailed presentation through Video Conferencing (VC) and have presented the EIA/EMP report.

15. The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, examined the proposal submitted by the Project Proponent in desired form along with EIA/EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent.

The EAC noted that the Project Proponent has given an undertaking that the data and information given in the application and enclosures are true to the best of their knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

The Committee noted that the EIA/EMP report reflects the present environmental concerns and the projected scenario for all the environmental components. The Committee deliberated issue based on EC and CRZ clearance and suggested Ministry to take decision on administrative procedure in which both EC and CRZ clearance required. Action plan and budget allocation for green belt development was deliberated and revised commitment submitted by PP for green belt development and budget allocation for the same was accepted by the committee. Detailed action plan for mitigation of particulate emission (i.e. PM10, PM2.5) was also deliberated by the committee and found to be satisfactory. Schedule-I conservation plan found satisfactory. The committee deliberated mitigation measure towards Air, Water, Noise and Soil pollutions. The Committee also suggested that the storage of toxic/explosive raw material/products shall be undertaken with utmost precautions and following the safety norms and best practices. Additional information submitted by PP was deliberated and found to be addressing the concerns of the EAC.

The EAC deliberated on the proposal with due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC also found the proposal in order and recommended for the grant of environmental clearance.

16. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

17. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-3), Ministry of Environment, Forest and Climate Change hereby accords Environmental clearance to the project for setting up of Technical Ammonium Nitrate Manufacturing Plant by M/s Smartchem Technologies Ltd. (STL), located at DLCT-1, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi, Tehsil- Chatrapur, District- Ganjam, Odhisha, under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under:-

A. Specific Conditions:

- (i) The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
- (ii) Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous

monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.

- (iii) The storage of toxic/hazardous raw material shall be bare minimum with respect to quantity and inventory. Quantity and days of storage shall be submitted to the Regional Office of Ministry and SPCB along with the compliance report.
- (iv) Occupational health centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.
- (v) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.
- (vi) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms.
- (vii) Safety and risk assessment studies shall be conducted and action plan and mitigation measures shall be properly implemented.
- (viii) Solvent management shall be carried out as follows: (a) Reactor shall be connected to chilled brine condenser system. (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. (c) Solvents shall be stored in a separate space specified with all safety measures. (d) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. (e) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses. (f) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.
- (ix) Volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.99% with effective chillers/modern technology.
- (x) Total fresh water requirement shall not exceed 7000 KLD which will be met from TSSEZL for industrial and domestic use. Necessary permission in this regard shall be obtained from the concerned regulatory authority, and renewed from time to time.
- (xi) Storm water from the roof top shall be channelized through pipes to the storage tank constructed for harvesting of rain water in the premises and harvested water shall be used for various industrial processes in the unit. No recharge shall be permitted within the premises. Process effluent/ any wastewater shall not be allowed to mix with storm water.
- (xii) The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.

- (xiii) The green belt of at least 5-10 m width shall be developed in at least 33% of the total project area, mainly along the plant periphery/ additional land. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map. Trees have to be planted with spacing of 2m x 2m and number of trees have to be increased accordingly. The plant species can be selected that will give better carbon sequestration. All trees must be planted within first year. In addition to the above mentioned greenbelt development, PP shall also plant 10000 plant in around the study area.
- (xiv) The activities and the action plan proposed by the project proponent to address the socio-economic issues in the study area, shall be completed as per the schedule presented before the Committee and as described in the EMP report in letter and spirit.
- (xv) A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

B. General Conditions:

- (i) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. 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/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (ii) The Project proponent shall strictly comply with the rules and guidelines issued under the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996, and Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 and other rules notified under various Acts.
- (iii) The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
- (iv) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- (v) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. The activities shall be undertaken by involving local villages and administration. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.

(vi) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.

(vii) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.

(viii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.

(ix) The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.

(x) 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 SPCB/Committee and may also be seen at Website of the Ministry and at <https://parivesh.nic.in/>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

(xi) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

(xii) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

18. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

19. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

20. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

21. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

22. This issues with the approval of the competent authority.

✓ 25/05/2021
(Dr. R. B. Lal)
Scientist 'E'/Additional Director
Email: rb.lal@nic.in
Tele-fax: +91-11-24695362

(डॉ. राम. बी. लाल)
(Dr. R. B. Lal)
इंटीमिक्यू 'E'/Scientist 'E'
विविरण, यन एवं जलवायु परिवर्तन मंत्रालय
Central Environment, Forest and Climate Change
Ministry, नई दिल्ली,
India, New Delhi

Copy to: -

1. The Deputy Director General of Forests (C), Integrated Regional Office, Bhubaneswar, A/3, Chandersekharpur, Bhubaneswar-751023
2. The Secretary, Department of Forest & Environment Department, Govt.of Odisha, Kharavel Bhavan, Bhubaneswar, Odisha,
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi – 32
4. The Member Secretary, State Pollution Control Board, Odisha, Head Office), Paribesh Bhawan, A/118, Nilakantha Nagar,Unit – VIII, Bhubaneswar – 751012, Odisha

5. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001
6. The District Collector, Ganjam, Odhisha
7. Member Secretary (CRZ Sector), IA Division, MoEFCC, New Delhi-110003
8. Guard File/Monitoring File/Website/Record File/Parivesh portal


(Dr. R. B. Lal)
Scientist 'E'/Additional Director



सत्यमेव जयते

File No:IA-J-11011/152/2020-IA-II(I)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Dated 08/05/2025



To,

Arun Vijay Kumar
Mahadhan Agritech Limited
SAI HIRA, SURVEY NO. 93, MUNDHWA, NA, PUNE, MAHARASHTRA, INDIA, 411036,
Mundhwa, PUNE, MAHARASHTRA, 411036
arun.vijay@dfpcl.com

Subject: Grant of Transfer of Environmental Clearance (EC) to the project under the provision of the EIA Notification 2006 and as amended thereof regarding.

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/OR/IND3/522418/2025 dated 25/03/2025 for grant of transfer of Environmental Clearance (EC) to the project under the provision of para 11 of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC25A1907OR5299772T
(ii) File No.	IA-J-11011/152/2020-IA-II(I)
(iii) Clearance Type	Transfer of EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	5(a) Chemical fertilizers ,1(d) Thermal Power Plants
(vi) Sector	Industrial Projects - 3
(vii) Name of Project	Transfer of Environmental clearance (EC) from M/s Mahadhan Agritech Limited to M/s Deepak Mining Solutions Limited for "Technical Ammonium Nitrate Manufacturing Plant" located at DLCT-1, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi, Tehsil- Chatrapur, District- Ganjam, Odisha
(viii) Name of Company/Organization	
(ix) Location of Project (District, State)	GANJAM, ODISHA
(x) Issuing Authority	MoEF&CC
(xi) EC Date	07/04/2025

(xiii) Details of Transferee

SAI HIRA, SURVEY NO. 93, MUNDHWA, NA,
PUNE, MAHARASHTRA, INDIA,
411036,Mundhwa,490,27,411036

(xiv) Details of Transferor

Mahadhan Agritech Limited , DFPCL, Sai Hira,
Survey no. 93,Mundhwa,490,27,411036

3. The Ministry of Environment, Forests and Climate Change has granted EC vide letter no. F.No. IA-J-11011/152/2020-IA.II (I) dated 25th May, 2021 for Setting up of Technical Ammonium Nitrate Manufacturing Plant" located at DLCT-1, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi, Tehsil- Chatrapur, District- Ganjam, Odisha to M/s Smartchem Technologies Limited (STL).

4. Thereafter there was transfer of Environmental Clearance (EC) on 7/12/2023 from M/s Smartchem Technologies Limited to M/s Mahadhan Agritech Limited for "Technical Ammonium Nitrate Manufacturing Plant" located at DLCT-1, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi, Tehsil- Chatrapur, District- Ganjam, Odisha.

5. Now, PP informed that the Company has demerged its business of TAN and transferred the TAN Business from M/s Mahadhan Agritech Limited to M/s Deepak Mining Solutions Limited. The same was implemented through NCLT order dated 28.06.2024. CIN no of M/s Mahadhan Agritech Limited is U67120PN1987PLC166034. CIN no of M/s Deepak Mining Solutions Limited is U14100PN2008PLC132562.

6. A copy of undertaking has been provided by M/s Deepak Mining Solutions Limited, stating to abide by all the terms and conditions i.e. specific conditions, general conditions and other conditions prescribed in the environmental clearance dated 25th May, 2021.

7. PP mentioned that Combined Consent to Establish was taken by Tata Steel Special Economic Zone Limited TSSEZL Industrial area vide order no. 7837/IND-II-CTE-7237 dated 28.5.2024.

8. Vide EDS reply dated 25/3/2025, PP mentioned about the details of court case against the project : A Writ Petition (WP C—29115 of 2022) was filed in the High Court of Odisha by Mr. Surendra Panigrahi, President of Bhartiya Bikash Parishad (NGO), against the Union of India and other respondents, including the Company. This transfer of Environmental Clearance (EC) is subject to orders/ judgment of Hon'ble High Court of Odisha and any other Court of Law, as may be applicable to this project.

9. As per the relevant provisions of the EIA Notification, 2006, the environmental clearance to the project for "Technical Ammonium Nitrate Manufacturing Plant" located at DLCT-1, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi, Tehsil- Chatrapur, District- Ganjam, Odisha was granted by this Ministry vide letter of even No. dated 25th May, 2021 is hereby transferred from M/s Mahadhan Agritech Limited to M/s Deepak Mining Solutions Limited, on the same terms and conditions and validity period under which prior environmental clearance was initially granted.

10. The MoEF&CC may revoke or suspend the clearance, if implementation of any of the EC conditions is not satisfactory. The MoEF&CC reserves the right to stipulate additional conditions, if found necessary.

11. The PP is under obligation to implement commitments made in the Environment Management Plan, which forms part of the EC.

This issue with the approval of the Competent Authority.

Copy To

1. The Deputy Director General of Forests (C),Ministry of Env., Forest and Climate Change, Integrated Regional Office,

A/3, Chandersekharpur, Bhubaneswar, Odisha – 751023.

2. The Additional Chief Secretary, Department of Forest, Environment and Climate Change, Govt. of Odisha, Kharavel Bhavan, Bhubaneswar, Odisha.
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi – 32.
4. The Member Secretary, Odisha State Pollution Control Board, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit – VIII, Bhubaneswar, Odisha 751012.
5. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001.
6. The District Collector, Ganjam, Odisha -754103.
7. Guard File/Monitoring File/Website/Record File/Parivesh Portal.

Additional EC Conditions

N/A

Send Approval Copy To (In case of multiple use comma as separator)

Signature Not Verified

Digitally Signed by : Mr A N Singh
Member Secretary, MoEFCC (EC)

Date: 08/05/2025

Annexure 2

Preventive measures adopted at construction site to reduce the pollution.

Air- Project is under construction phase and during construction of operational buildings and related civil works environmental protection measures have been adopted at our construction site to minimise the air pollution. Key control measures have been implemented at our site such as all open road access areas within our premises are being cleaned at regular intervals to prevent dust accumulation. Water tankers have been regularly deployed to sprinkle the water around the site road surface and access area to suppress the dust emissions.

Acoustic DGs have been installed for our construction sites which are less than 10 years old and on desired interval basis we are carrying out the stack emissions monitoring of DGs.

Moreover, we are conducting the AAQ, the reports are enclosed as "**Annexure 2.1**".

For Dust suppression activity we made a practice of water sprinkling on the road surface to control the dust.



Soil- All piling and ground development work have been completed So there are no such generation of muck has happened.

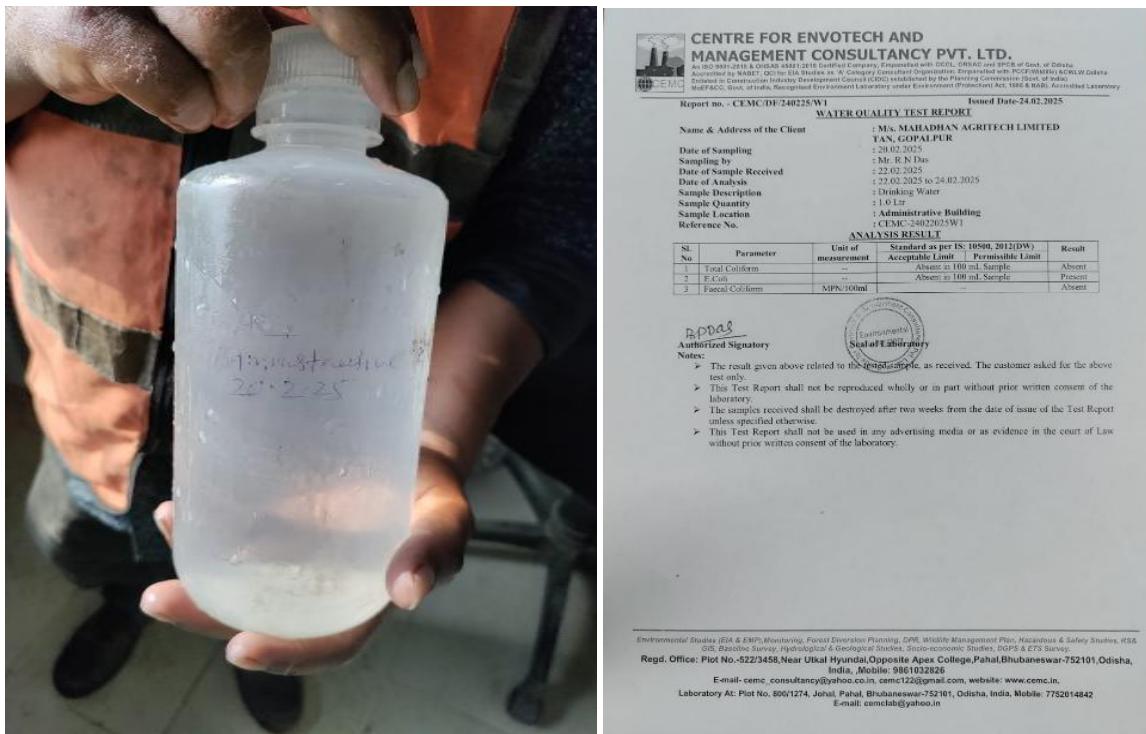
Since the project is in construction stage, and all other excavated soils are being taken on reuse for back filling purposes (After completion of Civil foundation works). Other than keeping fertilizer soil being used for our green belt plantation.

Various construction machinery is in use at our project site which requires HSD for operation. Currently there is no major storage of HSD at the site. The fuel consumed is directly supplied from fuel tankers to machinery as per operational needs. However, for minor and essential requirements a small-scale HSD storage arrangement has been made at site. This storage area is equipped with a spill kit and spill tray to prevent any spillage/contamination.

Water- No such underground water is being taken on usage. At the current stage of construction, now piling works are completed. So, no such major consumption of water is there.

We have done an agreement with TSSEZL for using of ground surface water as the construction works, the copy of agreement is attached here. We have been utilized Ground surface water for curing of civil structures.

Regular water quality testing has been carried out. Additionally Toilet waste disposed through septic tanks to avoid ground contamination.



Noise- In construction phase using the Acoustic type of DG for noise control. We routinely checking the DG set area noise DB. DGs are operational at our site which is less than 10 years old.





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Report no. - CEMC/DF/170125/A1

Issued Date-17.01.2025

AMBIENT AIR QUALITY MONITORING TEST REPORT

Name & Address of the Client	M/s. MAHADHAN AGRITECH LIMITED TAN, GOPALPUR
Reference No.	CEMC-17012025A1
Nature of Sampling	Ambient Air Sample
Sampling By	Mr.R.N Das
Instrument Used	Respirable Dust Sampler, Fine Dust Sampler, CO Meter and Gaseous Attachment
Location of Sampling	Near Ammonia Package
Sampling Date	10.01.2025

ANALYSIS RESULT

Sl. No.	Items	Unit	Result	*NAAQ Standard	Testing Method
01	Particulate Matter (PM ₁₀)	µg/m ³	66.4	100	IS: 5182 (Part-23)
02	Particulate Matter (PM _{2.5})	µg/m ³	34.6	60	IS: 5182 (Part-24)
03	Sulphur Dioxide (SO ₂)	µg/m ³	7.5	80	IS: 5182 (Part-2)
04	Nitrogen Oxides (NO _x)	µg/m ³	11.8	80	IS: 5182 (Part-6)
05	Carbon Monoxide (CO)	mg/m ³	0.35	4.0	IS: 5182 (Part-10)

*NAAQ (National Ambient Air Quality Standard as per 18th Nov, 2009 Gatt. Notification)

End of Report


Authorized Signatory

Notes:

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Report no. - CEMC/DF/170125/A2

Issued Date-17.01.2025

AMBIENT AIR QUALITY MONITORING TEST REPORT

Name & Address of the Client	M/s. MAHADHAN AGRITECH LIMITED TAN, GOPALPUR
Reference No.	CEMC-17012025A1
Nature of Sampling	Ambient Air Sample
Sampling By	Mr.R.N Das
Instrument Used	Respirable Dust Sampler, Fine Dust Sampler, CO Meter and Gaseous Attachment
Location of Sampling	Near Bagging And Godown
Sampling Date	10.01.2025

ANALYSIS RESULT

Sl. No.	Items	Unit	Result	*NAAQ Standard	Testing Method
01	Particulate Matter (PM ₁₀)	µg/m ³	69.3	100	IS: 5182 (Part-23)
02	Particulate Matter (PM _{2.5})	µg/m ³	35.6	60	IS: 5182 (Part-24)
03	Sulphur Dioxide (SO ₂)	µg/m ³	10.5	80	IS: 5182 (Part-2)
04	Nitrogen Oxides (NO _x)	µg/m ³	14.3	80	IS: 5182 (Part-6)
05	Carbon Monoxide (CO)	mg/m ³	0.5	4.0	IS: 5182 (Part-10)

*NAAQ (National Ambient Air Quality Standard as per 18th Nov, 2009 Gatt. Notification)

End of Report

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Seal of Laboratory

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Report no. - CEMC/DF/170125/N

Issued Date-17.01.2025

NOISE MONITORING REPORT

Name & Address of the Client	M/s. MAHADHAN AGRITECH LIMITED TAN, GOPALPUR
Reference No.	CEMC-17012025N
Nature of Sampling	Noise Monitoring
Sampling By	Mr.R.N Das
Instrument Used	Noise Level Meter
Sampling Date	10.01.2025

Sl. No.	Locations	Unit	Day time		
			Max	Min	Avg
1	Near DG-2 (200 KVA)	dB(A)	73.3	69.3	71.3
2	Near DG-2 (62.5 KVA)	dB(A)	74.1	70.3	72.2
Max 75dB when measured at 1.0 m from the enclosure					


Authorized Signatory

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Report no. - CEMC/DF/170125/St1

Issued Date-17.01.2025

DG STACK ANALYSIS REPORT

Client Name & Address	M/s. MAHADHAN AGRITECH LIMITED TAN, GOPALPUR
Reference No.	CEMC-17012025St1
Nature of Sampling	DG Stack Monitoring
Sampling Location	DG- (200 KVA)
Sampling By	Mr.R.N Das
Sampling Date	10.01.2025

ANALYSIS RESULT

Sl. No	Items	Result	Standard as per CPCB	Testing Method
01	Flue Gas Temp. in K	367	--	IS 11255 (PART-3)
02	Average flue gas Velocity in m/sec	7.09	--	IS 11255 (PART-3)
03	Differential Pressure in mmH ₂ O	3.43	--	IS 11255 (PART-3)
04	Particulate Matter (PM) in g/kW-hr	0.16	0.2	IS 11255 (PART-1)
05	NOX+NMHC in g/kW-hr	2.9	4.0	Colorimetric Method
06	Carbon Monoxide (CO) in g/kW-hr	2.7	3.5	Flue Gas Analyzer

$H = h + 0.2x (KVA)^{1/2}$ (H = Total height of stack in meter ,h = Height of the building-in meters where the generator set is installed, KVA = Total generator set capacity in KVA)


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Notes:

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Report no. - CEMC/DF/170125/St2

Issued Date-17.01.2025

DG STACK ANALYSIS REPORT

Client Name & Address	M/s. MAHADHAN AGRITECH LIMITED TAN, GOPALPUR
Reference No.	CEMC-17012025St2
Nature of Sampling	DG Stack Monitoring
Sampling Location	DG- (62.5 KVA)
Sampling By	Mr.R.N Das
Sampling Date	10.01.2025

ANALYSIS RESULT

Sl. No	Items	Result	Standard as per CPCB	Testing Method
01	Flue Gas Temp. in K	366	--	IS 11255 (PART-3)
02	Average flue gas Velocity in m/sec	7.86	--	IS 11255 (PART-3)
03	Differential Pressure in mmH ₂ O	4.23	--	IS 11255 (PART-3)
04	Particulate Matter (PM) in g/kW-hr	0.26	0.3	IS 11255 (PART-1)
05	NOX+NMHC in g/kW-hr	3.9	4.7	Colorimetric Method
06	Carbon Monoxide (CO) in g/kW-hr	3.0	3.5	Flue Gas Analyzer

$H = h + 0.2x (KVA)^{1/2}$ (H = Total height of stack in meter ,h = Height of the building in meters where the generator set is installed, KVA = Total generator set capacity in KVA)

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Report no. - CEMC/DF/170125/W1

Issued Date-17.01.2025

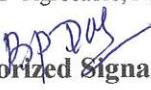
WATER QUALITY TEST REPORT

Name & Address of the Client	: M/s. MAHADHAN AGRITECH LIMITED TAN, GOPALPUR
Date of Sampling	: 11.01.2025
Sampling by	: Mr. R.N Das
Date of Sample Received	: 11.01.2025
Date of Analysis	: 11.01.2025 to 16.01.2025
Sample Description	: Drinking Water
Sample Quantity	: 1.0 Ltr
Sample Location	: Administrative Building
Reference No.	: CEMC-17012025W1

ANALYSIS RESULT

Sl. No	Parameter	Unit of measurement	Standard as per IS: 10500, 2012(DW)		Result
			Acceptable Limit	Permissible Limit	
1	Colour	Hazen	5	15	<5
2	Odour	--	AL	AL	AL
3	Taste	--	AL	AL	AL
4	Turbidity	NTU	1	5	<1
5	pH Value @ 25°C	--	6.5-8.5	No Relaxation	6.66
6	Total Hardness (as CaCO ₃)	mg/l	200	600	48
7	Iron (as Fe)	mg/l	1.0	No Relaxation	<0.05
8	Chloride (as Cl)	mg/l	250	1000	12.5
9	Residual, free Chlorine	mg/l	0.2	1.0	ND
10	Total Dissolved Solids	mg/l	500	2000	92.2
11	Calcium (as Ca)	mg/l	75	200	8.02
12	Magnesium (as Mg)	mg/l	30	100	6.8
13	Nitrate (as NO ₃)	mg/l	45	No Relaxation	4.24
14	Fluoride (as F)	mg/l	1.0	1.5	0.13
15	Total Alkalinity (as CaCO ₃)	mg/l	200	600	41.8
16	Copper (as Cu)	mg/l	0.05	1.5	<0.005
17	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.005
18	Zinc (as Zn)	mg/l	5	15	<0.005
19	Total Coliform	--	Absent in 100 mL Sample		Absent
20	E.Coli	--	Absent in 100 mL Sample		Present
21	Faecal Coliform	MPN/100 mL	--		Absent

NB: AL- Agreeable, ND-Not Detected


Authorized Signatory

Notes:

- The result given above related to the tested sample, as received. The customer asked for the above test only.
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E-mail: cemclab@yahoo.in

Annexure 3 PPE Compliance Photographs



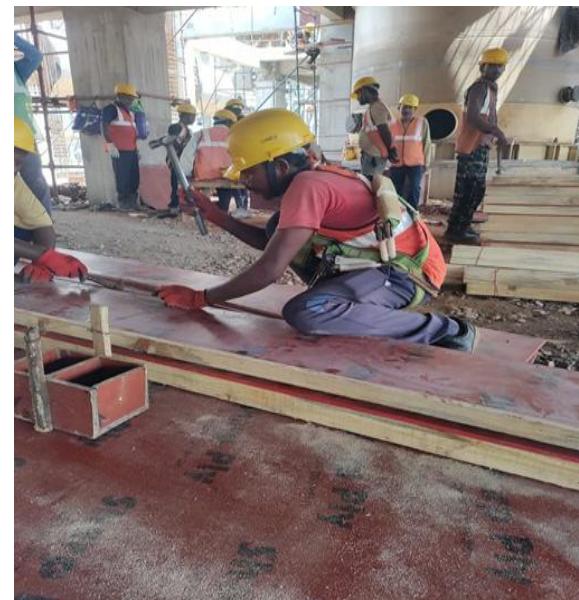
Job specific PPE (Full body Harness, Rope Grab) using while engaged in Height Work



Job specific PPE (Rubber hand gloves) using while electrician performing electrical DB testing



Job specific PPE (Hand gloves & Shoulder pad) using while engaged in steel bar shifting



Job specific PPE (Anti slippery Hand gloves) using while performing shuttering work



Job Specific PPE (Welding suit, Leg Guard, Face shield, Fire retardant gloves) used while performing Welding



Job specific PPE (Hand gloves, Face shield, Ear plug) using while engaged in grinding job

Annexure-3.1

Occupational Health Centre (OHC): A fully functional first aid centre has been setup at our project site to ensure timely assistance in case of any medical emergencies at site. The centre is equipped with essential provisions patient bed, stretcher, wheelchairs, oxygen cylinder, well stocked first aid box, digital Blood pressure machine and deployed ambulance with 24/7 Driver & certified first aider. To ensure and monitor the health and wellbeing of our workforce at our project site a certified physician has been officially appointed at the first aid centre. Our physician visits the site twice a week to conduct the routine health checkups, medical consultations and oversee the readiness of first aid centre.



Vertigo Test: Current project construction phase there are major height activities for mechanical and civil work So Prior engaging workforce in any work at height activities at our project site, vertigo test has been conducted and assessing the fitness of individuals for tasks involving elevated work areas.



VERTIGO TEST REPORT		
		DT: 31/05/25
S.L.NO	COMPANY	FT UNIT
1	ANS	30 2
2	APEX	112 6
3	GDCL	233 29
4	MAL	19. 2
5	SMPL	26 2
6	SPD	34 11
7	TOYO-1	09 1
8	TSPL	362 46
9	Thermax	291 26
10	DTH (TOYO)	150 16
11	SUDARSHAN (TOYO)	213 22
12	GEO	133 23
13	AKSHAR ELECINFRA PVT.LTD(AEPL)	55 02
14	PACE (TOYO)	23 -
15	PAHARPUR COOLING TOWER	15 -
16	LLOYD (TOYO)	32 03
17	SEJAL ENGG. SOLUTION	10 -
18	INNOVATION TECH.	07 -
19	PHEPL (TOYO)	02 00
20	N.M. ENGINEERING	34 01

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AASTHA HOSPITAL

(All types of OPD & IPD, Surgery Are Done Here)
AASTHA HOSPITAL LANE, INSIDE BHABA NAGAR, BRAHMAPUR - 4 (GM.)
Cell : 9437187004, 9861167080, Regd. No. : 735/07



Ref. No.AH 08/2025.....

Date08.01.2025.....

TO,

M/S GEO FOUNDATIONS AND STRUCTURES PVT LTD.

C/O Mahadhan Agritech Limited

Domestic Tariff Area Plot no-DLCT-

Chamakhandi, Gopalpur Industrial Park, Ganjam,

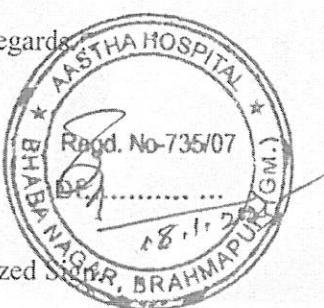
Odisha-761020

Dear Sir,

This has reference to our discussion our Managing Director dated.08.JAN.2025 regarding tie-up for medical services for your employees & workers in hospitalization and other services as mentioned on the terms and conditions here in after / enclosed with this documents.

This is for your kind information and necessary record please.

With Regards,



Authorized Signer, BRAHMAPUR (GM.)
AASTHA HOSPITAL



AASTHA HOSPITAL

(All types of OPD & IPD, Surgery Are Done Here)

AASTHA HOSPITAL LANE, INSIDE BHABA NAGAR, BRAHMAPUR - 4 (GM.)

Cell : 9437187004, 9861167080, Regd. No. : 735/07



Ref. No.AH.02/2025.....

Date02.06.2025.....

To,

The Site Manager

M/s Akshar Elecinfra Pvt Ltd

C/o Mahadhan Agritech Limited

Chamakhandi Gopalpur industrial park, Ganjam, Odisha – 761020

Dear Sir,

This has reference to our discussion our Managing Director dated 28.05.2025 regarding tie-up
For medical services for your employees and workers in hospitalization and other services as
Mentioned on the terms and conditions here in after / enclosed with this documents.

This is for your kind information and necessary record please.





AASTHA HOSPITAL

(All types of OPD & IPD, Surgery Are Done Here)
AASTHA HOSPITAL LANE, INSIDE BHABA NAGAR, BRAHMAPUR- 4 (GM.)
Cell : 9437187004, 9861167080, Regd. No. : 735/07



Ref. No. Date: 03rd July'2024

Place: Berhampur

Date: 03.07.24

To

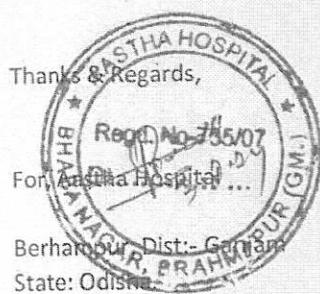
RCM (Resident Construction Manager),
Gannon Dunkerley & Company Ltd(GDCL),
MahadanAgritech Ltd. (MAL),
P-427, Gopalpur – Odisha.

Subject: Tie-up for Medical Treatments

Dear Sir,

We are happy to inform you that, our hospital will facilitate all possible treatment for the employees of Gannon Dunkerley & Company Ltd. in the event of any accidental emergency.

We are committed to serve our patient for their betterment at all possible extent.





AASTHA HOSPITAL

(All types of OPD & IPD, Surgery Are Done Here)
AASTHA HOSPITAL LANE, INSIDE BHABA NAGAR, BRAHMAPUR - 4 (GM.)
Cell : 9437187004, 9861167080, Regd. No. : 735/07



Ref. No. 14905/2024

Date 10/04/2024

To

Praj Industries Limited
C/o Mahadhan Agritech Limited
Domestic Tariff Area, Plot No- DLCT-1
Chamakhandi, Gopalpur Industrial Park, Ganjam
Odisha-761020

Sub: Discount Disclosure

This is to inform you that we would be happy to extend the discounts to the card holders of Praj Industries Limited, Ganjam, Odisha as below.

Discounts on IP Billing / Open Billing	15%
Discounts on OPD Billing	10%
Discounts on Packages	10%
Exclusions if any:	10%

Sincerely,

Authorized Signatory



Name:
Seal

Age of employees in years	Frequency of health checks	Tests to be covered	Package
>50	Once a year	Blood CBC, ESR, FBS, PPBS, T3, T4, TSH, Urea, S. Creatinine, uric acid, LFT, Lipid profile, Vit D, Total Calcium, Serum electrolytes, ECG in all leads, X ray Chest PA view, 2D ECHO or Stress test (any one of these 2 tests), Ultrasound abdomen and pelvis, urine routine test For Diabetics : additionally HBA1C For Women: Mammography	Total-7600/-(Dis-15%)
40 to 49	Once in 2 years	Blood CBC, ESR, FBS, PPBS, T3, T4, TSH, Urea, S. Creatinine, uric acid, LFT, Lipid profile, Vit D, Total Calcium, Serum electrolytes, ECG in all leads, X ray Chest PA view, Ultrasound abdomen and pelvis, urine routine test For Diabetics : additionally HBA1C For Women: Mammography	Total-7600/-(Dis:15%)
Less than 40 years	Once in 3 years	Blood CBC, ESR, FBS, PPBS, T3, T4, TSH, Urea, S. Creatinine, uric acid, LFT, Lipid profile, Vit D, Total Calcium, Serum electrolytes, ECG in all leads, X ray Chest PA view, urine routine test For Diabetics : additionally HBA1C For Women: Mammography women above 30 years of age)	Total-7600/-(Dis-10%)

Note: 2D ECHO 05% without 2D ECHO 10 % Discount for all **PRAJ INDUSTRIES LIMITED** card holders.



ANNEXURE-04

Safety Induction Training: Prior engaging activities, workforce have been inducted safety training in our project site which the training includes with Project details, general site safety rules and regulations, EHS policy, safety park Module displays, respective discipline safety awareness.



TAN PROJECTS AT GOPALPUR		
Attendance Sheet of EHS Induction/Orientation (STL-TCE-EPCM-EHS-FMT-001)		
Date	15/05/25	
Time	From Hrs 09 To Hrs 11 Total Hrs 02	
Location	TAN OFFICE CONTROLLER	
Name Contractor	TAN, mixed employees out 170	
Training Topic	1. LCR 2. SAFETY AWARENESS 3. TEC 4. EPC	
Training Conducted by	Name: B.C. Xakli Designation: HSEO Signature: _____	
Sl No	Name	Designation
1	KAHNU PARIDA	HELPER
2	MONA RUSIKA	HELPER
3	SUPRA SAMBAR	HELPER
4	BHASKAR NAYAK	HELPER
5	KAIRA TIRUA	HELPER
6	AKSHARAN RAVI	HELPER/ADVISOR
7	MANOJLAL RAVI	HELPER
8	PABITRA KAMALIN	FOREMAN
9		
10		
11		
12		
13		
14		
15		

Signature of Trainer: *B.C. Xakli 05/05/25*
B.C. Xakli, HSEO, TOYO-I

Job Specific safety Training: Since project construction phase, EHS team conducting job specific training to aware and educate workforce specific job-related hazards and its control measures to be followed.



Training on Defensive driving

TAN PROJECTS AT GOPALPUR		
Attendance Sheet of EHS Training (STL-TCE-EHS-001-0-01)		
Date:	20/02/2025	
Time:	10:30 AM	
Location:	Safety Park	
Topic:	Electrical Safety	
Conducted by:	Mr. Debabrata Das or Mr. Debraj Das	
Sl. No.	Name	Designation
1	Intanica paridha	Electro
2	Naveen Singh	Electro
3	Pawon R. Singh	Electro
4	Abinash parida	Electro
5	S. K. Ratan Singh	Electro
6	Sandipan K. Majhi	Electro
7	Sanjib Jana	Electro
8	Chirong Lorka	Electro
9	Paromita Majhi	Electro
10	POONAMI REDDY	Electrical-SAP
11	PRASANTA PARIDA	Electrical-SAP
12		
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Signature of Trainer: *[Signature]*

All vendor Electrician Electrical safety Training

External Agency safety Training: In our project site we have arranged external safety training by certified experts in specific area for Safe Erection and dismantling of scaffolding for scaffolder including competency assessment.



TRAINING ATTENDANCE SHEET			
Date	3rd & 4th January 2025		
Title	Scaffold Competent and Qualified person training		
Faculty	Jagdish Devchakke		
Company & Venue	Toyo Engineering-Deepak Fertilizer -Gopalpur site Odisha		
Duration	Full Day		
Topics covered	Types of Scaffold, Hazards of Scaffold, Scaffold erection, material specifications		
S. N.	Employee Name	Position	Signature
1.	CHANDAN KUMAR GIRI	Mechanical Engg -	<i>Chandan</i>
2.	VIJAY KATRE	Civil Engineer	<i>Vijay</i>
3.	BISWAJIT BHANDARI	Flame Engg	<i>Biswajit</i>
4.	SAMPAD KUMAR MAHATA	Rigger	<i>Sampad</i>
5.	UTTAM MAHATA	Rigger	<i>Uttam</i>
6.	DOCTOR MURMU	Filter	<i>Doctor Murmu</i>
7.	DILIP KUMAR	Carpenter	<i>Dilip Kumar</i>
8.	BHOLA SHAKAR	Carpenter	<i>Bhola Shakar</i>
9.	PRASANTA SARDAR	Khaliari	<i>Prasanta</i>
10.	SANDEEPSAHNI	SITE ENGG.	<i>Sandeep</i>
11.	MANISHA MURMU	Helper	<i>Manisha Murmu</i>
12.	MANGAL MURMU	Helper	<i>Mangal Murmu</i>
13.	NANDU RAM	Filter	<i>Nandu Ram</i>

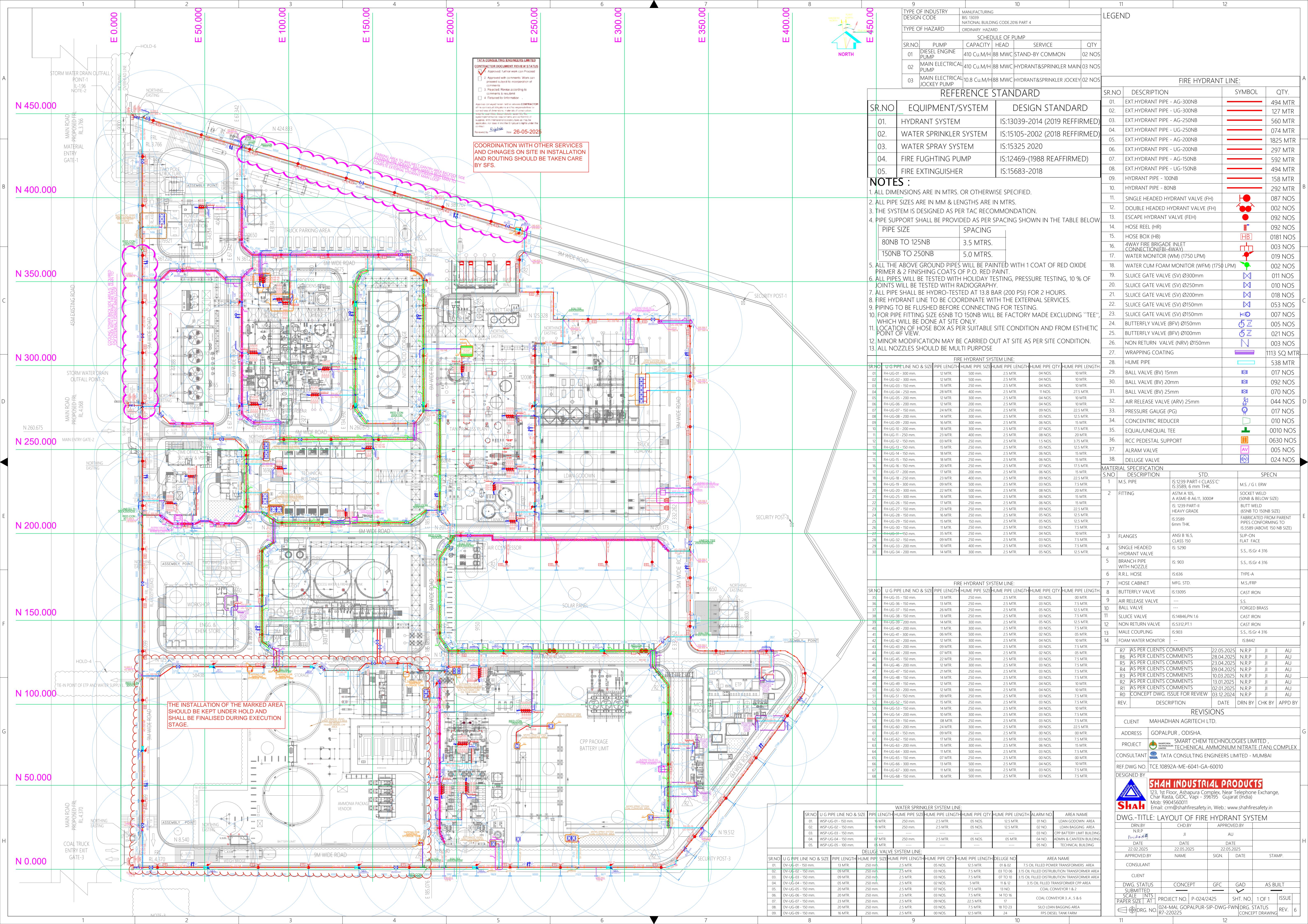
S. N.	Employee Name	Position	Signature
14.	AMIT SARKAR	Filter	<i>Amit Sarkar</i>
15.	CHIRANJIBI PATRA	Filter	<i>Chiranjibi Patra</i>
16.	AMRIT BAURI	CARPENTER	<i>Amrit Bauri</i>
17.	CHINMAYA RANA	Trainer	<i>Chinmaya Rana</i>
18.	BISWRAJU SARDAR	CARPENTER	<i>Biswraju Sardar</i>
19.	PURNIMA MANDI SAHAI	SUPERVISOR	<i>Purnima Sahai</i>
20.	AMIRAKA SINGH	Scaffolder	<i>Amiraka Singh</i>
21.	ACHUTANANDA MOKHAPATRA	ENGINEER	<i>Achutananda Mokhapatra</i>
22.	LAL BABU PASWAN	Rigger	<i>Lal Babu Paswan</i>
23.	TINKU THAKUR	Scaffolder	<i>Tinku Thakur</i>
24.			
25.			

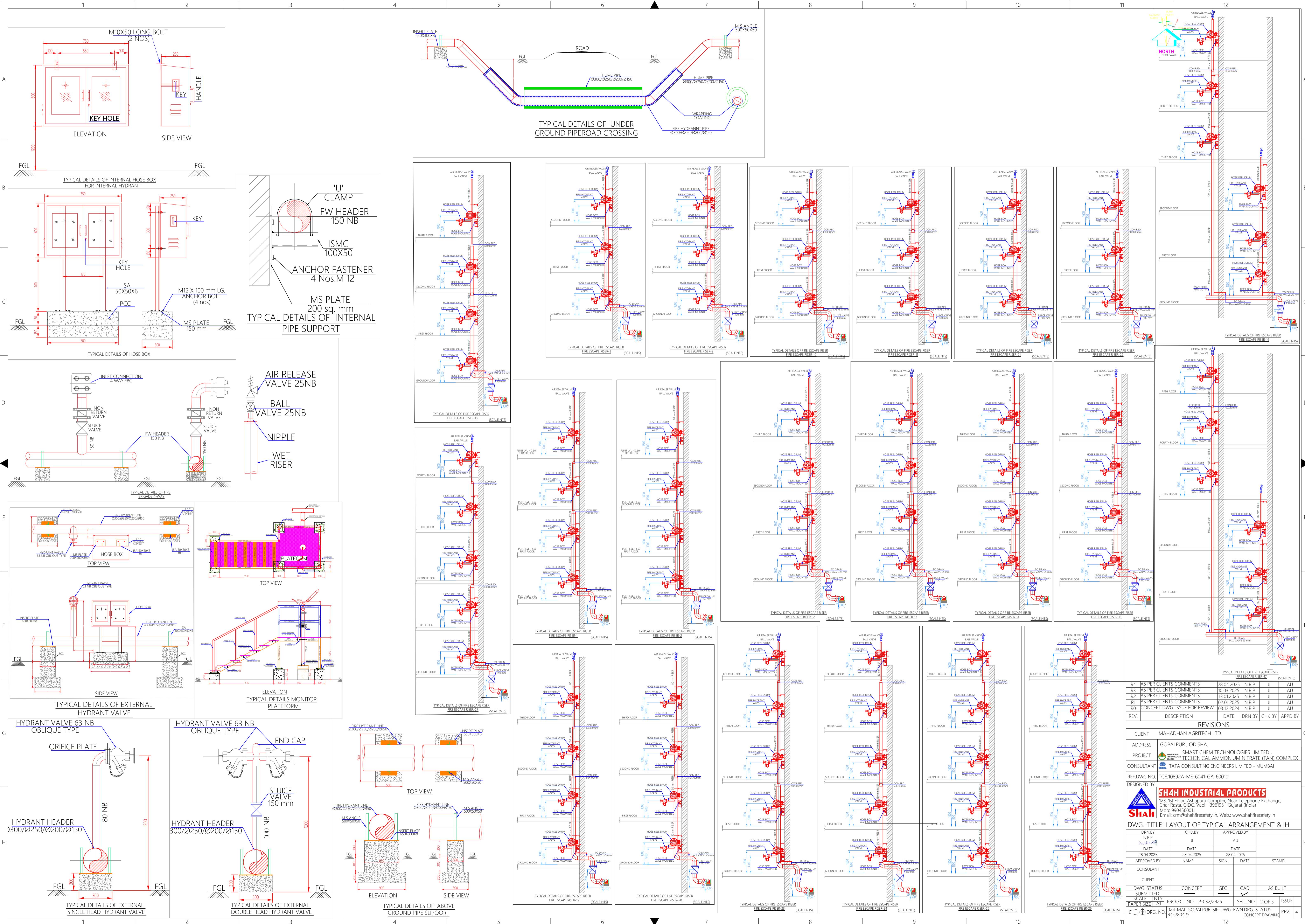
Faculty Signature: *Jagdish Devchakke*
Jagdish Devchakke



Classroom Training: During Construction phase of our project site, EHS team arranging classroom training where different safety topics are taught in a step-by-step manner through interaction with individuals, delivering safety practices, audio & video visuals and conveying incidents & its lesson learnt.







FIRE HYDRANT IH SYSTEM

SR.NO	TAPPING NO	TAPPING SIZE	BUILD NAME	BUILD NO	TAPPING OF SYSTEM	NO OF FH VALVE	WATER SPRINKLER SYSTEM						
01.	RISER -01	150 mm	ADMIN & CANTEEN BUILD.	11.	FIRE HYDRANT SYSTEM.	01 TO 04	SR.NO	ALARM VALVE NO	ALARM VALVE TAPPING SIZE	AREA NAME	BUILD NO		
02.	RISER -02	150 mm	ADMIN & CANTEEN BUILD.	11.	FIRE HYDRANT SYSTEM.	05 TO 08	01.	AV -01	150 mm	LDAN GODOWN AREA	29.		
03.	RISER -03	150 mm	POWER RECEIVING SUB STATIONS	08.	FIRE HYDRANT SYSTEM.	09 TO 11	02.	AV -02	150 mm	LDAN BAGGING AREA	31.		
04.	RISER -04	150 mm	WORKSHOP & ENGG CHEM STORE	---	FIRE HYDRANT SYSTEM.	REQUIRED STAIRCASE NO OF LEVEL	03.	AV -03	150 mm	COAL STORAGE AREA	13 A.		
05.	RISER -05	150 mm	NEAR BY AMMONIA STORAGE TANK	---	FIRE HYDRANT SYSTEM.	REQUIRED STAIRCASE NO OF LEVEL	04.	AV -04	150 mm	ADMIN & CANTEEN BUILDING	11		
06.	RISER -06	150 mm	NEAR BY AMMONIA STORAGE TANK	---	FIRE HYDRANT SYSTEM.	REQUIRED STAIRCASE NO OF LEVEL	05.	AV -05	150 mm	TECHNICAL BUILDING	27		
07.	RISER -07	150 mm	NEAR BY AMMONIA STORAGE TANK	---	FIRE HYDRANT SYSTEM.	REQUIRED STAIRCASE NO OF LEVEL	HIGH VELOCITY SPRAY SYSTEM						
08.	RISER -08	150 mm	NEAR BY AMMONIA STORAGE TANK	---	FIRE HYDRANT SYSTEM.	REQUIRED STAIRCASE NO OF LEVEL	SR.NO	DELUGE VALVE NO	DELUGE VALVE TAPPING SIZE	AREA NAME	BUILD NO		
09.	RISER -09	100 mm	TECHNICAL BUILDING	27	FIRE HYDRANT SYSTEM.	12 TO 14	01.	DV -01 & 02	80 mm	7.5 OIL FILLED POWER TRANSFORMERS AREA	08.		
10.	RISER -10	150 mm	TECHNICAL BUILDING	27	FIRE HYDRANT SYSTEM.	15 TO 17	02.	DV -03 TO 06	80 mm	TECHNICAL BUILDING	27.		
11.	RISER -11	150 mm	TECHNICAL BUILDING	27	FIRE HYDRANT SYSTEM.	18 TO 20	03.	DV -07 TO 10	80 mm	TECHNICAL BUILDING	27.		
12.	RISER -12	150 mm	WNA PROCESS UNIT	18	FIRE HYDRANT SYSTEM.	21 TO 24	04.	DV -11 & 12	80 mm	3.15 MVA OIL FILLED TRANSFORMERS CPP AREA	---		
13.	RISER -13	150 mm	WNA PROCESS UNIT	18	FIRE HYDRANT SYSTEM.	25 TO 28	05.	DV -24	80 mm	FPS DIESEL TANK FARM	---		
14.	RISER -14	150 mm	WNA PROCESS UNIT	18	FIRE HYDRANT SYSTEM.	29 TO 32	06.	DV -25 TO 27	80 mm	3.15 MVA TRANSFORMERS TG BUILD.	---		
15.	RISER -15	150 mm	WNA PROCESS UNIT	18	FIRE HYDRANT SYSTEM.	33 TO 36	07.	DV -28	80 mm	MAIN LUBE OIL TANK TG BUILD.	---		
16.	RISER -16	150 mm	ANS PROCESS UNIT	24	FIRE HYDRANT SYSTEM.	37 TO 42	MEDIUM VELOCITY SPRAY SYSTEM						
17.	RISER -17	150 mm	ANS PROCESS UNIT	24	FIRE HYDRANT SYSTEM.	43 TO 48	SR.NO	DELUGE VALVE NO	DELUGE VALVE TAPPING SIZE	AREA NAME	BUILD NO		
18.	RISER -18	150 mm	TAN PROCESS UNIT	34	FIRE HYDRANT SYSTEM.	49 TO 52	01.	DV -13	150 mm	COAL CONVEYER 1 & 2 AREA	13 A		
19.	RISER -19	150 mm	TAN PROCESS UNIT	34	FIRE HYDRANT SYSTEM.	53 TO 56	02.	DV -14 TO 16 & 29 TO 30	80 mm	COAL CONVEYER	13 A		
20.	RISER -20	150 mm	TAN PROCESS UNIT	34	FIRE HYDRANT SYSTEM.	57 TO 60	03.	DV -17	150 mm	COAL CONVEYER (BCN 6)	13 B		
21.	RISER -21	150 mm	RECYCLE TANKFARM	35	FIRE HYDRANT SYSTEM.	61 TO 63	04.	DV -18 TO 23	150 & 100 mm	SILO LDAN BAGGING ARA	31		
22.	RISER -22	150 mm	RECYCLE TANKFARM	35	FIRE HYDRANT SYSTEM.	64 TO 66	REVISIONS						
23.	RISER -23	150 mm	NEAR BY COAL CONVEYER AREA	15	FIRE HYDRANT SYSTEM.	67 TO 71	R4	AS PER CLIENTS COMMENTS	09.04.2025	N.R.P	JL	AU	
24.	RISER -24	150 mm	NEAR BY COAL CONVEYER AREA	15	FIRE HYDRANT SYSTEM.	72 TO 76	R3	AS PER CLIENTS COMMENTS	10.03.2025	N.R.P	JL	AU	
25.	RISER -25	150 mm	NEAR BY COAL CONVEYER AREA	14 A	FIRE HYDRANT SYSTEM.	77 TO 81	R2	AS PER CLIENTS COMMENTS	13.01.2025	N.R.P	JL	AU	
26.	RISER -26	150 mm	NEAR BY COAL CONVEYER AREA	14 A	FIRE HYDRANT SYSTEM.	82 TO 86	R1	AS PER CLIENTS COMMENTS	02.01.2025	N.R.P	JL	AU	
27.	RISER -27	150 mm	NEAR BY COAL CONVEYER AREA	14	FIRE HYDRANT SYSTEM.	87 TO 91	R0	CONCEPT DWG. ISSUE FOR REVIEW	03.12.2024	N.R.P	JL	AU	
28.	RISER -28	150 mm	NEAR BY MCC ROOM	05	FIRE HYDRANT SYSTEM.	REQUIRED STAIRCASE NO OF LEVEL	REV.	DESCRIPTION	DATE	DRN BY	CHK BY	APPD BY	
29.	RISER -29	150 mm	NEAR BY MCC ROOM	05	FIRE HYDRANT SYSTEM.	REQUIRED STAIRCASE NO OF LEVEL	CLIENT MAHDAN AGRITECH LTD.						
30.	RISER -30	150 mm	MCC ROOM	05	FIRE HYDRANT SYSTEM.	REQUIRED STAIRCASE NO OF LEVEL	ADDRESS	GOPALPUR, ODISHA	PROJECT SMART CHEM TECHNOLOGIES LIMITED , TECHNICAL AMMONIUM NITRATE (TAN) COMPLEX				
31.	RISER -31	150 mm	ETP ROOM	05	FIRE HYDRANT SYSTEM.	REQUIRED STAIRCASE NO OF LEVEL	CONSULTANT	TATA CONSULTING ENGINEERS LIMITED - MUMBAI	REF.DWG NO TCE.10892A-ME-6041-GA-6001				

R4	AS PER CLIENTS COMMENTS	09.04.2025	N.R.P	JL	AU
R3	AS PER CLIENTS COMMENTS	10.03.2025	N.R.P	JL	AU
R2	AS PER CLIENTS COMMENTS	13.01.2025	N.R.P	JL	AU
R1	AS PER CLIENTS COMMENTS	02.01.2025	N.R.P	JL	AU
R0	CONCEPT DWG. ISSUE FOR REVIEW	03.12.2024	N.R.P	JL	AU
REV.	DESCRIPTION	DATE	DRN BY	CHK BY	APPD BY
REVISIONS					
CLIENT	MAHDAN AGRITECH LTD.				
ADDRESS	GOPALPUR, ODISHA				
PROJECT	SMART CHEM TECHNOLOGIES LIMITED , TECHNICAL AMMONIUM NITRATE (TAN) COMPLEX				
CONSULTANT	TATA CONSULTING ENGINEERS LIMITED - MUMBAI				
REF.DWG NO	TCE.10892A-ME-6041-GA-6001				
DESIGNED BY	 SHAH INDUSTRIAL PRODUCTS				
	123, 1st Floor, Atmapura Complex, Near Telephone Exchange, Char Rasta, GIDC, Vapi - 396195, Gujarat (India) Mob: 9904560011 Email: crm@shahfiresafety.in, Web: www.shahfiresafety.in				
DWG. TITLE: DETAIL OF TAPPING					
DRN BY	CHD BY	APPROVED BY			
N.R.P P.M.A.R	JL	AU			
DATE 09.04.2025	DATE 09.04.2025	DATE 09.04.2025			
APPROVED BY	NAME	SIGN	DATE		STAMP
CONSULTANT					
CLIENT					
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PAPER SIZE / AT	PROJECT NO.	P-032/2425	SHT. NO.	3 OF 3	ISSUE
024-MAL GOPALPUR-SIP-DWG-FWN DRG. STATUS	R4-990425				
DRG. NO	CONCEPT DRAWING	REV.			

Annexure-06

Plantation: As part of our environmental conservation efforts, a total 400 trees have been planted in our designated green belt area located on the east side of the boundary wall at our project site. Regular maintenance including watering and monitoring being carried out by our Gardner and ensuring healthy growth of the plantation. We have been celebrated world environment day through tree plantation.





MAHADHAN
AGRITECH
LIMITED



A CSR Endeavour of MAL, TAN Gopalpur

Report on Blood Donation Camp and Free Eye Screening cum Cataract Operation Camp

Organised by Mahadhan Agritech Limited, TAN Gopalpur in close association with Sankara Eye Hospital, Samarjhol and Indian Red Cross Society, MKCG Medical College, Berhampur

(Kalipalli Gram Panchayat on 26 April 2025)



Introduction:

Human blood is an essential element of human life with no substitute. In many major surgeries and trauma emergencies, the use of whole blood is now well accepted. Blood transfusion has been responsible for saving millions of lives each year. Yet, the quantity and quality of blood pool available for transfusion is still major concern, especially in the Ganjam district of Odisha.

During our last General Health Check-up cum awareness program conducted at Kalipalli village, the village committee and youth committee of Kalipalli village requested to organise a Blood donation camp along with an Eye Screening cum cataract operation in their village.

Blood Donation cum Eye Screening Camp

Process Initiated:

MAL and Third third-party vendor “Subham Medical” team had developed the content for the public announcement and design & printing of the leaflet before the program. Earlier, MAL team had visited the Sankara Eye Hospital and Indian Red Cross Society, MKCG Medical College, to ensure that the technical team of both the coordinating partners reached the venue in time and that necessary logistics were provided for the possible patients having cataract operations at the hospital and minimum screening of the voluntary donors who intends to donate their blood. The Kalipalli Village committee were informed earlier and took their consent to organise the camps in their village. Public announcements and distribution of leaflets containing the time and venue of the camp were done for three days continuously in the nearby villages.

A Blood Donation Camp was organised on 26th April 2025 in one of our peripheral villages named “Kalipalli”. The camp was organised with the help of a group of local villagers and Indian Red Cross Society of MKCG Medical College, Berhampur team. The program was held in the Kalipalli Village Community Centre. The program started at 8:30 in the morning. The Panchayat Head, popularly known as ‘Sarpanch’, and IIC of Chamakhandi Police Station started this program by donating his blood first. After that, all the villagers, especially the youth of our village, participate in the program by donating blood in a very positive way. Even some people from other villages made their blood donations by becoming a part of this program.

Eligible donors proceeded to the donation area, where a trained medical team from the Indian Red Cross Society managed the blood collection process. All necessary precautions and safety measures were adhered to.

After donating, participants were provided with refreshments and a resting area for recovery.



45 units of Blood collected. 5 cataract patients were successfully operated and 12 people received free near-vision spectacles



Galaxy S24

All the donors are given one certificate by the Red Cross Society and a small token of gift from “Mahadhan AgriTech Limited” as a good gesture.

During the same time, a free eye screening cum identifying cataract patients were organised in close association with “Shankar Eye Hospital” team. The ophthalmologists checked 75 people’s eyes during this day-long program. Out of 75, 12 patients were provided with spectacles for both near and far vision. Only 5 out of 75 were found to have cataracts and were asked to be ready the next day to visit their hospital for a cataract operation. Monday, they were operated on successfully and sent to their home. They were happy that they got these services freely from Mahadhan AgriTech Limited. Around 12 patients were provided with free spectacles for low near vision.



Galaxy S24

A Few Snapshots of the Program:



Conclusion

The camp heightened awareness about blood donation, dispelled misconceptions, and educated participants about the health benefits of voluntary blood donation. The collected blood played a crucial role in saving lives, reaffirming the significance of each donor's contribution.

The event brought together students, faculty, and the local community, fostering a sense of unity and shared purpose. By promoting voluntary blood donation, the camp contributed to building a compassionate and united community while highlighting the importance of solidarity and public service.



SMARTCHEM
TECHNOLOGIES
LIMITED

Dated the 17th of June 2021

To
The Collector and District Magistrate,
Ganjam,
Odisha.



Sub: - Intimation regarding grant of Environmental Clearance to set up project of "Technical Ammonium Nitrate Manufacturing Plant by M/S Smartchem Technologies Ltd. (STL) located at DLCT-I, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi, Tehsil- Chatrapur, District- Ganjam, Odisha regarding.

Ref: - MoEF Letter No – F. No : IA-J-11011/152/2020-IA-II (I) dated 25-05-2021.

Dear Sir,

With reference to the subject cited above, we are happy to inform you that the Ministry of Environment, Forest and Climate Change, Government of India has accorded Environmental Clearance with specific and general conditions to set up project of "Technical Ammonium Nitrate Manufacturing Plant by M/S Smartchem Technologies Ltd. (STL) located at DLCT-I, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi, Tehsil- Chatrapur, District- Ganjam, Odisha on 25 – 05 – 2021 under the provisions of EIA Notification, 2006 and the amendments therein.

In compliance with the General Conditions of the said Clearance, we are submitting herewith a copy of the letter granting Environment Clearance in favour of STL for ready reference and kind perusal.

Thanking & assuring you of our best intent for investment & partnership with Government of Odisha.

Thanking you,

Yours faithfully,

For SMARTCHEM TECHNOLOGIES LIMITED.

(Dr. Srimat Roy)

General Manager, Corporate Affairs

N-2/9, IRC Village, 1st Floor, Nayapalli, Bhubaneswar-751015, Odisha, India.

E-mail – srimat.roy@dfpcl.com, M – 09777741555



Projects & Technology: Plot No. 32, Sector 16, Opp. K.B.P. (Modern College),
Vashi, Navi Mumbai - 400 703 | Tel.: +91 22 41518888 | Fax: +91 22 2766 3361

100% subsidiary of Deepak Fertilisers
And Petrochemicals Corporation Limited

Regd. Office: Sai Hira, Survey No. 93, Mundhwa, Pune - 411 036 | Tel.: +91 20 6645 8000
Website: www.smartchem.co.in | CIN: U67120PN1987PLC166034



SMARTCHEM
TECHNOLOGIES
LIMITED

Dated the 17th of June 2021

To
The Sub Collector,
Chhatrapur, Ganjam,
Odisha.

Sub: - Intimation regarding grant of Environmental Clearance to set up project of "Technical Ammonium Nitrate Manufacturing Plant by M/S Smartchem Technologies Ltd. (STL) located at DLCT-I, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi, Tehsil- Chatrapur, District- Ganjam, Odisha regarding.

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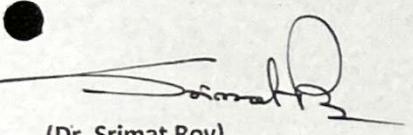
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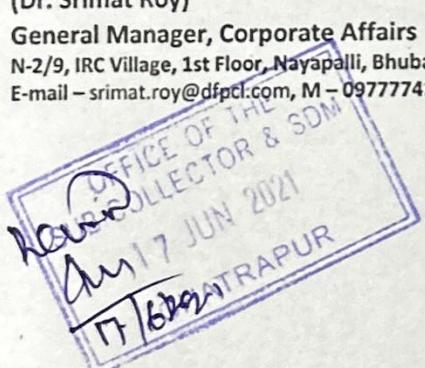
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N-2/9, IRC Village, 1st Floor, Nayapalli, Bhubaneswar-751015, Odisha, India.
E-mail – srimat.roy@dfpcl.com, M – 09777741555





SMARTCHEM
TECHNOLOGIES
LIMITED

Dated the 17th of June 2021

To
The President,
Zilla Parishad, Ganjam,
Odisha.

Sub: - Intimation regarding grant of Environmental Clearance to set up project of "Technical Ammonium Nitrate Manufacturing Plant by M/S Smartchem Technologies Ltd. (STL) located at DLCT-I, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi, Tehsil- Chatrapur, District- Ganjam, Odhisha regarding.

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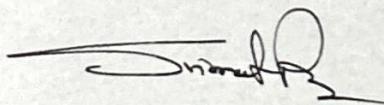
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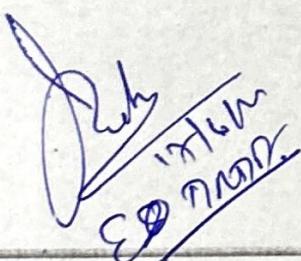
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Thanking you,
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For SMARTCHEM TECHNOLOGIES LIMITED.


(Dr. Srimat Roy)
General Manager, Corporate Affairs
N-2/9, IRC Village, 1st Floor, Nayapalli, Bhubaneswar-751015, Odisha, India.
E-mail – srimat.roy@dfpcl.com, M – 09777741555


E.P. 7700



SMARTCHEM
TECHNOLOGIES
LIMITED

Dated the 17th of June 2021

To
The Sarpanch,
Kalipalli Gram Panchayat,
Chhatrapur, Ganjam,
Odisha.

Sub: - Intimation regarding grant of Environmental Clearance to set up project of "Technical Ammonium Nitrate Manufacturing Plant by M/S Smartchem Technologies Ltd. (STL) located at DLCT-I, Domestic Tariff Area, Gopalpur Industrial Park, Chamakhandi, Tehsil- Chatrapur, District- Ganjam, Odisha regarding.

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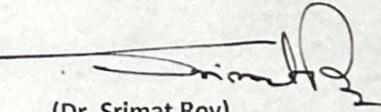
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E-mail – srimat.roy@dfpcl.com, M – 09777741555

Received
P. Dharmaraju Reddy
(M) – 9861718179.
(G.P Peon).



US targets Belarus with sanctions amid outcry over plane diversion

White House's economic curbs on Belarusian state-owned entities to begin on June 3

WASHINGTON

THE United States has announced punitive measures against Belarus targeting the regime of strongman President Alexander Lukashenko, who met with Russian president Vladimir Putin amid a global outcry over the forced diversion of a European plane.

White House press secretary Jen Psaki called for "a credible international investigation into the events of May 23," which she called "a direct affront to international norms."

Belarus scrambled a military jet to divert a Ryanair plane and arrested 26-year-old opposition journalist and activist Roman Protasevich who was onboard, triggering a global outcry.

The White House announced it was working with the European Union on a list of targeted sanctions against key members of Lukashenko's regime.

Meanwhile, economic sanctions against nine Belarusian state-owned enterprises, reimposed by Washington in April following a crackdown on pro-democracy protests, will come



Members of the Belarusian diaspora in Ukraine hold a rally against Lukashenko's regime outside the foreign ministry in Kiev | AFP

(US is calling for) a credible international investigation into the events of May 23, which is a direct affront to international norms

Jen Psaki, White House press secretary

into effect on June 3.

Further US moves on Belarus could target "those that support corruption, the abuse of human rights, and attacks

on democracy," Psaki said.

The White House also issued a "Do Not Travel" warning for Belarus to US citizens, and warned American passenger planes to "exercise extreme caution" if considering flying over Belarusian airspace.

The European Union has also urged EU-based carriers to avoid Belarusian airspace.

However President Vladimir Putin celebrated Russia's close ties with Belarus on Friday as

he hosted Lukashenko in the Black Sea resort of Sochi.

With observers closely watching the talks to see how far the Kremlin would go to support the regime, the Russian leader said he was "very glad" to see Lukashenko and agreed with him the Western reaction was an "outburst of emotion".

Lukashenko complained the West was seeking to stir unrest in Belarus. "An attempt is underway to rock the boat to reach the level of last August," he said, referring to anti-regime protests following a disputed election.

The Belarus strongman, who arrived with a briefcase, said he wanted to show Putin "some documents" related to the Ryanair incident and thanked him for his support in the latest standoff with the West. The talks lasted for more than five hours but their results were not announced.

Over the past years Lukashenko has had a volatile relationship with Moscow, playing it off against the West and ruling out outright unification with Russia.



An earthmover removes debris washed ashore from the burning ship on a beach in Colombo on Saturday | AFP

'Sri Lanka facing its worst marine ecological disaster'

COLOMBO

tonnes of hazardous nitric acid.

Darshani Lahandapura, Chairperson of the Marine Environment Pollution Authority (MEPA), said that according to the available information so far this would be the worst marine ecological disaster in the island nation.

"With the available information so far, this can be described as the worst disaster," she said. The plastic beads floating in the waters covering the affected coastal area are badly affecting the marine ecology, she said.

The cargo vessel was carrying a consignment of chemicals and raw materials for cosmetics from Hazira in Gujarat to Colombo Port on May 20 when it caught fire some 9.5 nautical miles away from the port of Colombo.

Apart from the 325 metric tonnes of fuel in its tanks, the vessel was loaded with 1,486 containers carrying about 25

tonnes of hazardous nitric acid.

Beni: Six people were killed, including a woman who was burned alive, during an attack blamed on the regional militia group ADF in eastern Democratic Republic of Congo, sources said Saturday. The Allied Democratic Forces were believed to have carried out the overnight attack on a road near the border with Uganda, where the group was founded. "ADF fighters attacked Kinyatsi, a village near the Virunga national park," said Donat Kibuna, local administrator for the Beni territory in North Kivu province. "We have counted six people killed, including a woman who was burned alive in her home," he said.

Remains of 215 children found at closed indigenous boarding school in Canada

TKAMLOOPS

THE remains of 215 children, some as young as three years old, have been found buried on the site of what was once Canada's largest Indigenous residential school, one of the institutions that held children taken from families across the nation.

Chief Rosanne Casimir of the Tk'emlups te Secw'pemc First Nation said in a news release that the remains were confirmed last weekend with the help of ground-penetrating radar.

More bodies may be found because there are more areas to search on the school grounds, Casimir said on Friday.

In an earlier release, she called the discovery an "unthinkable loss that was spoken about but never documented at the Kamloops Indian Residential School." It was the once the site of Canada's largest residential school.

From the 19th century until the 1970s, more than 150,000 First Nations children were required to attend state-funded Christian schools as part of a programme to assimilate them into Canadian society.

They were forced to convert to Christianity and not allowed to speak their native languages. Many were beaten and verbally abused, and up to 6,000 are said to have died. The Canadian government apologised in Parliament in 2008 and admitted that physical and sexual abuse in the schools was rampant.

Many students recall being beaten for speaking their native languages; they also lost touch with their parents and customs. Indigenous leaders have cited that legacy of abuse and isolation as the root cause of epidemic rates of alcoholism and drug addiction on reservations. A report more than five years ago by a Truth and Reconciliation Commission said at least 3,200 children had died amid abuse and neglect, and it said it had reports of at least 51 deaths at the Kamloops school alone between 1915 and 1963.

"This really resurfaces the issue of residential schools and the wounds from this legacy of genocide towards Indigenous people," Terry Teegee, Assembly of First Nations regional chief for British Columbia, said. British Columbia Premier John Horgan said he was "horrified and heartbroken" to learn of the discovery, calling it a tragedy of "unimaginable proportions" that highlights the violence and consequences of the residential school system.

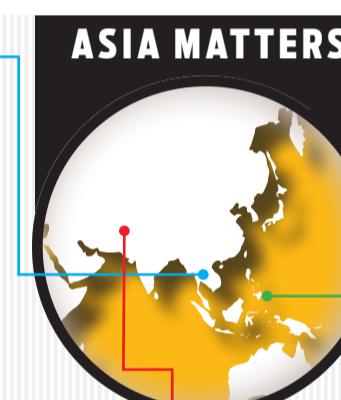
The Kamloops school operated between 1890 and 1969, when the federal government took over operations from the Catholic Church and operated it as a day school until it closed in 1978. AP

THAILAND

Covid sweeps through overcrowded prisons

Bangkok: A coronavirus surge sweeping through Thailand's prisons has thrown the spotlight on the kingdom's overcrowded penal system, where some inmates have less space to sleep than the inside of a coffin. As of Saturday, almost 25,000 people have tested positive inside jails, where inmates living cheek by jowl have been encouraged to keep wearing their masks even while they sleep. Authorities have floated plans to give early releases to prisoners with underlying medical conditions and have announced funding for more testing and medical care in recent days. But former inmates say those behind bars have been kept in the dark about the seriousness of the outbreak.

The Thai prison population stood at around 311,000 earlier this year, the International Federation for Human Rights said. AP



AFGHANISTAN

Schools in Kabul, provinces closed as Covid cases surge

Kabul: Afghanistan's health ministry announced the shutdown of all public and private universities and schools in the country's 16 provinces, including Kabul, for at least two weeks starting Saturday. The decision follows a surge in cases. On Friday, 977 people tested positive for Covid and 18 died, most of them in Kabul. Over 600,000 people have received a first dose of the vaccine, the ministry said. The vaccination drive has been put on hold due to shortages and the remaining stocks are reserved for those who got the first shot. AP

PHILIPPINES

China's decision to deploy ships protested

Manila: The Philippines has demanded that China withdraw its ships and fishing vessels from the vicinity of a Philippine-occupied island in the South China Sea, where the Chinese military has asserted its sovereignty and vowed to 'unswervingly safeguard' the disputed territory. The exchange of protests by the Asian neighbours over the island, internationally called Thitu, is the latest flareup in a long simmering territorial feud that has escalated in the last two months. The Department of Foreign Affairs in Manila said it has filed a diplomatic protest against "the incessant deployment, prolonged presence and illegal activities of Chinese maritime assets and fishing vessels in the vicinity of the Pag-asa islands." It used the Philippine name for Thitu, which China calls Zhongye Dao. AP

Clashes at anti-govt protests kill at least 10 in Colombia

BOGOTA

AT LEAST 10 people in the city of Cali were killed in a day of anti-government protests, authorities said Saturday, as Colombia enters its second month of demonstrations that have met violent repression.

President Ivan Duque announced on Friday he was deploying military troops to Cali while the nation marked

a full month of Colombia-wide rallies that have morphed into a broad anti-establishment mobilization.

"Ten people" are dead, "this is the toll we have this morning", said Cali's security secretary Carlos Rojas.

Police said eight of the 10 were shot dead.

He spoke after reports of violent street clashes. In one case, a representative from

the Cali prosecutor's office said an off-duty investigator had shot at a crowd, killing a civilian, before being lynched by protesters.

Video footage showed a man lying in a pool of blood and another nearby wielding a gun; that man was then attacked by a group of people.

After chairing a security meeting in the city, Duque announced Friday "the maximum deployment of military assistance to the national police" would begin immediately.

Human Rights Watch, which has previously put the death toll higher than the official one, said the situation in the city was "very serious." AFP



OFFICE OF THE MUNICIPAL COUNCIL, JATNI

Phone: 0674-2490826, Mail:municipalityjatni@gmail.com

No: 2416

Date: 28/05/2021

"e" Procurement Notice

C-325: Bid Documents consisting of Work, Estimated Cost, Cost of Tender Paper, EMD, time of completion, Class of contractors and the set of terms and conditions of contract and other necessary documents can be seen in Govt. website i.e. www.tendersorissa.gov.in

- Tender Reference No : EO/JMC/053/2021-22
- Tender I.D No : 2021_ORULB-68763_1 to 4
- Name of the Work : Civil Construction works as mentioned in website
- No. of works : 4 nos.
- Estimated Cost : Rs. 13,23,000/- and Rs. 19,96,000/-
- Period of Completion : 60 days
- Date and Time of Bidding : 31/05/2021 to 07/06/2021 up to 5pm
- Last date and time for receipt of bids in the portal : 07/06/2021 up to 5pm
- Bids received online shall : 09/06/2021 at 11.30am be opened on
- Name and address of the : Executive Officer, Jatni Municipality officer inviting Bid

Further details can be seen from the procurement portal i.e. www.tendersorissa.gov.in

Sd/- Executive Officer

Jatni Municipality

OIPR- 13041/11/0008/2122

THE NATIONAL INSTITUTE OF HEALTH AND FAMILY WELFARE

Baba Gangnath Marg, Munirka, New Delhi-110 067

F.No. A.12023/09/2020-1 -Admn.1

VACANCY NOTICE FOR DIRECTOR, N.I.H.F.W.

The National Institute of Health and Family Welfare, an autonomous Institute funded by the Government of India. Ministry of Health and Family Welfare, is an apex technical Institute and Think Tank for promoting health and family welfare programmes in the country through Education and Training, Research and Evaluation, Consultancy, Advisory and Specialized Services.

Applications are invited by the Ministry of Health and Family Welfare (MoHFW) from the eligible citizens of India for the following post.

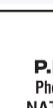
Sr. No	Name of the post	No. of Post	Pay Level as per 7th CPC
1.	Director	01	Pay level in Pay Matrix 15 - Rs. 1.82,200 + NPA

For details, including Hindi version of this advertisement, please visit Institute's website: "www.nihfw.org." Or MoHFW's website "www.mohfw.gov.in". Completed applications should reach to Shri Kumar Pranav, Under Secretary (Training Division), Ministry of Health and Family Welfare (Department of Health and Family Welfare), Room No.511, D-Wing, Nirman Bhawan, New Delhi-110011, before 30.06.2021.

Dy. Secretary (Training)

MoHFW

davp 17153/11/0002/2122



GOVERNMENT OF ODISHA OFFICE OF THE EXECUTIVE ENGINEER, P.H. DIVISION, BHANJANAGAR AT CHATRAPUR

Phone -06811 263909-FAX -06811 263950, E-mail -eephchp@gmail.com

NATIONAL COMPETITIVE BIDDING THROUGH e-Procurement

Bid Identification No. 06 / 03 / SPH (C) / 2021-22 dt. 27.05.2021

Invitation for Bids (IB)

C-318

Sl. No	Name of the work	Identification No.	Estimated cost (Rs. in Lakhs)	Period of completion	Availability of Bid Documents for online Bidding	Name & address of Officer inviting Bid
1	Improvement of source with pumping arrangements and other ancillary works for provision of water supply to Pakalapalli Marathi sahi, Santoshimaa Mandir Marathi sahi and adjoining areas of ward no 12 to 18 of Aska Phule State Plan 2020-21	Identification No. 06 / 03 / SPH (C) / 2021-22 dt. 27.05.2021	54.88	9 (None)	11.00 Hrs of calendar Months	17.30 Hrs. From 04.06.2021 to 21.06.2021
2	Improvement of water supply to Phulbani Municipality under State Plan 2020-21	Identification No. 06 / 03 / SPH (C) / 2021-22 dt. 27.05.2021	78.14	9 (None)	11.00 Hrs of calendar Months	17.30 Hrs. From 04.06.2021 to 21.06.21
3	Provision of water supply to phulbani and adjoining areas of ward no 7 to 12 of Khalikote NAC under State Plan 2020-21	Identification No. 06 / 03 / SPH (C) / 2021-22 dt. 27.05.2021	85.51	9 (None)	11.00 Hrs of calendar Months	17.30 Hrs. From 04.06.2021 to 21.06.21
4	Providing potable drinking water by raising platform of hand pump tube well during emergency like flood in Purusottampur NAC under 13 - 4215	Identification No. 06 / 03 / SPH (C) / 2021-22 dt. 27.05.2021				

