

Ref. No. - IPCA/EHS/2022/
Date: 03/06/2022

To,
The Regional Officer,
M.P. Pollution Control Board,
186, Ganga Nagar
Dewas (M. P.)

Sub : Six Monthly Compliance Report of EC Conditions.

Ref. : S. No. 1045/SEIAA/2020 dated 28.06.2020

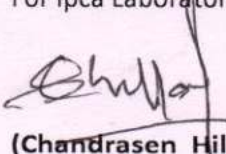
Dear Sir,

With reference to the above subject, we are submitting herewith Six monthly compliance reports (Jan '2022 to June '2022) for your kind consideration.

We hope that all the document / information as submitted shall be in order.

Thanking you and with regards,

Yours faithfully
For Ipca Laboratories Ltd.


(Chandrasen Hillal)
Unit Head

Encl As above
CC : Member Secretary (SEIAA-Bhopal)
CC: Member Secretary (MPPCB-Bhopal)
CC: Joint Director (MOEF-Bhopal)



Ipca Laboratories Ltd. Dewas

EC Specific condition Compliance

S. No.	Conditions of Environment Clearance	Status of Compliance as on 31.05.2022
1.	The proposed project is covered under 5 (f) category (B) of the schedule of EIA Notification issued by the Ministry of Environment & Forests vide S.O.1533 (E), dtd. 14.09.2006 and its amendments, hence is required to obtain prior EC. In the context of pandemic COVID -19, Govt's MoEF&CC issued a OM vide dated 13.04.2020, for considering the API & Bulk drug Projects as B-2 category.	Noted
2.	There is no interstate boundary within 10 km and no National Park / Sanctuary within the 5 km of the project area hence the general conditions are not attracted.	Noted
3.	The project occupies a plot Area of 102911 sq.m of land. PP has submitted copy to amended lease deed dtd 17.05.2019 which is executed between District Trade & Industries Center, Dewas Ltd. and Ipca Laboratories Ltd. for the said project .	As Per Amendment EC Total Plot Area after amendment is 159316 sq m. (Please refer Annexure No.-19 : Letter No. 4521/SEIAA/20 Dated : 27.10.2020)
4.	Total Water requirement will be 1188 KLD from that fresh water requirement will be 712 KLD and 476 KLD will be the recycled water. Water will be sourced through Dewas Water Project Works Private Limited (formerly known as Anjar Water Solution Pvt. Ltd.) water supply. PP has submitted copy of consent letter dtd. 30.08.19 issued by Dewas Water Project Works Private Limited.	In this phase 1, Total water requirement will be only 473 KLD and recycle water will be 191 KLD. Now as per requirement agreement with Dewas water project works pvt. Ltd. has been executed for 250 KLD, Copy enclosed. (Please refer annexure No. 20)
5.	The total wastewater generation will be 501 KLD. From that 476 KLD will be recycled back and 5KLD will be MEE salt and 20 KLD Losses in the ETP including leakages & sludge with moisture. Industrial wastewater will be treated in ETP followed by RO & MEE & treated water will be completely recycled and reused in cooling tower make up water. The domestic sewage will be treated separately in STP at site and treated sewage will be reused for gardening after quality matching with standard norms for on land irrigation given by PCB/CPCB.	In this Phase 1, the effluent quantity will be only 198 KLD and sewage quantity will be 15 KLD. Industrial Effluent will be treated up to prescribed Standards and reuse in the process, for cooling tower and Domestic sewage will be treated in STP Plant and Treated Sewage use for green belt development/ gardening within premises.

6	<p>The main source of air pollution are Flue Gas Stack:8 Nos. (2 Boiler of 20 TPH + 2 Boiler of 6 TPH + 2 Thermic fluid heater + 2 DG Set of 1000 kVA each).PP has proposed Mitigation measures for air quality impacts are:</p> <ul style="list-style-type: none"> • In the standby stacks of boiler & thermic fluid heater PNG will be used. And for working stack of boiler and thermic fluid heater coal consumption is reduced to 50%. • Proper air pollution control equipment will be provided which will meet the stipulated norms provided by MPPCB/CPCB. • Multiple, sequential cyclones followed by state of the art bag filters with efficiency > 97.8% will be provided to meet SPM emission standards. • AFBC based boiler will be installed, in which lime dosing will be done to reduce SO₂ emissions (reduction efficiency> 75%). • Effective water spraying will be done on the access roads to control re-entrained dust during dry season (if required); • Proper operating procedures will be followed during startup and shutdown; • Proper PPE like dust masks will be provided to workers and its use ensured; • Regular Work place monitoring will be done; • LDAR program will be conducted regular. 	<p>In this Phase 1, we have installed 1 Boiler of 6 TPH, and 1 DG Set of 1000KVA.</p> <ul style="list-style-type: none"> ● We have provided Air pre heater, Cyclone and Bag filters in boiler for air pollution control. ● RCC road with pavers provided. ● Boiler startup and shutdown procedure is the part of boiler SOP, Boiler operation SOP prepared. ● All required PPEs provided. ● Work place monitoring SOP prepared and monitoring is being done as per Schedule. ● LDAR program is cover in Preventive maintenance schedule, SOP prepared for preventive maintenance of pumps.
7	<p>PP has proposed following mitigation measures will be implemented to reduce surface water related impacts:</p> <ul style="list-style-type: none"> • Fresh water demand will be reducing by proposing zero liquid discharge system . • Treated water will be completely reused in plant. • No discharge of untreated waste water on land to avoiding leakages; • Separate drainage for storm water and effluent will be provided to avoid any contamination of surface water sources; • All chemical and fuel storage and handling areas will be provided with proper bunds to avoid run-off contamination during rainy season. • Solid Wastes will be properly handled in closed containers and properly stored in hazardous waste storage areas as per rules having suitable lining and also bunding for overflow of spillage waters which can contaminate the surroundings . • Ash generated from the boiler will be stored properly and sold to nearest cement or brick manufacturing industries. 	<ul style="list-style-type: none"> ● Zero liquid Discharge facility installed and recycle water will be used in process. (Please refer annexure 1-6) ● Maintained ZLD, No any untreated waste water will be discharge on land. ● RCC storm water drain prepared with 03 garl pond each pond capacity 100 KL. ● All chemicals storage/tank farm area have provided dyke wall to avoid contamination. ● SOP prepared for Management and Handling of Chemical and Disposal of Hazardous waste. ● Dedicated and covered area prepared for ash storage and send to brick manufacturing industries.

8	<p>Hazardous waste generated from the proposed project will be in the form of used /spent oil which will be sold to authorised recyclers. MEE Sludge will be sent to TSDF, Pithampur for safe disposal and spent catalyst will be sold to actual reusers. These wastes will be collected, stored properly and will be send to relevant vendors / recyclers /reprocessors. The other solid waste like coal ash will be sent to briquette manufacturer. PP has submitted Acceptance letter for co-processing for cement kiln with J K Cement plant and agreement for co-processing with UltratechCement. Acceptance letter of TSDF, Pithampurand willingness letter for pre-processing of hazardous waste from GEPIL also submitted by PP.</p>	<p>Agreement done with GEPIL and Unique Eco Recycle.</p> <p>Other party agreement work is in progress.</p>
9	<p>The power requirement of 3500 kVA shall be met from Madhya Pradesh Paschim Kendra Vidyut Vitaran Company Ltd. There will be two proposed DG sets of 1,000 KVA which will be operated only during power failure .For energy Conservation PP has proposed as follows :-</p> <ul style="list-style-type: none"> •Energy efficient machineries like AHU , Centrifuge, Reactor, ETP and motors will be used during operation phase. Installation of economizer & high efficiency burner on steam boilers. •Using water cooled chillers, variable frequency drives for secondary pumps and public area and building management system for HVAC equipment with non-CFC and non-HCFC based refrigerants. •Modification of HVAC System to re-circulation type form once through system to reduce the power consumption & Stoppage of HVAC system during no production time. •Energy efficient lubricant oil for planetary gear boxes. •Gravity flow will have preferred wherever possible to save pumping energy. 	<p>In this phase 1 agreement done for 700 KVA with M.P. paschim kendra vidyut vitaran company ltd.</p> <p>Agreement copy enclosed.(Please refer annexure-21)</p> <ul style="list-style-type: none"> ● Energy efficient machineries installed accordingly. ● All the chiller having installed eco friendly refrigerant ● All the HVAC systems are recirculation type. ● Energy efficient lubricant oil will be used for gear boxes. ● In ETP flow is being done by gravity, which is as follows, <p>Coagulation tank→Flocculation tank→Primary clarifier→Anoxic tank→Bioreactor-01→Secondary clarifier 01→Bio reactor 02→Secondary clarifier 02→Intermediate tank</p> <p>Similarly in production area gravity flow is maintained.</p>
10	<p>For rainwater harvesting calculations , areas like process and storage, Godown, scrap yard etc. are excluded due to having chances of contamination. Runoff water generated from Roof Top (admin block, Utility, canteen, security, Warehouse) will be used to store rainwater for water conservation.</p>	<p>Total 04 Nos. Rain water harvesting system installed on following buildings.</p> <ol style="list-style-type: none"> 1. Security and Admin building 2. QC building 3. QA and guest house building 4. Fire hydrant tank and pump house building <p>Photo enclosed (Please refer Annexure No. 16)</p>

11.	<p>For Fire Protection PP has proposed to protect the plant by means of different fire protection facilities and consist of:</p> <ul style="list-style-type: none"> • Hydrant system for exterior as well as internal protection of various buildings/areas of the plant. • Portable extinguishers and hand appliances for extinguishing small fires in different areas of the plant. • Water cum foam monitor to be provided in bulk fuel storage area • Fire water pumps. Two (2) independent motor driven pumps each of sufficient capacity and head are proposed for the hydrant systems which are capable to extinguish Fire or cooling purpose. • Smoke & fire detection system along with water & foam sprinkler system will be provided. During installation NBC guideline will be followed. NOC from fire department will be obtained. • For firefighting adequate width road and turning is considered for movement of fire tender. 	<ul style="list-style-type: none"> ● All area of premises covered by fire hydrant line. ● Portable fire extinguishers installed on various location of plant and building when required, Also SOP prepared for fire fighting. ● Total 05 Nos. Water cum foam monitor system installed at following locations. <ol style="list-style-type: none"> 1. PESO tank area. 2. SRP area 3. Boiler/DG area 4. Ware house area 5. SRP tank farm area ● Fire fighting system comprising water storage tanks 1200 KL and jockey pump/main electrical pump /Diesel engine driven pump installed with standby pump. ● Smoke detector, Fire alarm system and foam sprinkler system provided as per NBC guide line. ● Fire NOC obtained, Copy enclosed.(Please refer annexure no. 22) ● 06 Mtr width RCC road provided.
12.	<p>The proposed site has already 217 well developed trees of ten species but out of these, approximate 40% i.e. 87 trees are likely to be cut with prior approval from concerned authority and 130 trees will be retained.</p> <p>28% greenbelt will be developed at site and additional 55,790 sq.m. or 5.579 ha area is being proposed on nearby plot for development of greenbelt. PP has submitted Allotment letter from DIC for Additional Greenbelt Area.</p> <p>To fulfill the standard of 33% green area of total plot area , additional 4.3% i.e. 4425.17 m2 with a total plantation of 664 trees will be provided. However, 55,790 m2 or 5.579 Ha area (instead of 4,425.17 m2 i.e 4.3% of total plot area) is being proposed on nearby plot for development of greenbelt with a total plantation of 8369 trees Overall plantation of 12,667 trees (4298 trees at site+ 8369 trees on adjoining plot) of various species is planned to reduce the overall impact in surrounding environment due to the proposed project.</p>	<p>2 Nos. Garden development having approx area 45000 M2 and 30000 M2 are taken from local administration .</p> <p>one are of 45000 M2 has been completed .</p> <p>We have already planted 3200 no. of trees at site and PO for planting 2300 no. of more trees has been released and plantation will be done on the occasion of Environment day 05/06/2022.</p>

The unit will spend INR 4.875 Crore for 5 years (i.e. 1.5% of project cost - INR 325 Crores as per the OM dated May 1, 2018) for undertaking the Corporate Environment Responsibility (CER) activities in study area as shown in Table:

S. No.	Activities	Budget in%	Budget Amount (INR In crores)
1.	Education	30%	1.462
1.1	Education and training for COVID 19		
1.2	ITI Training Program		
1.3	Infrastructure development (renovation of building, furniture, classrooms , CCTV, paver blocks shed library, water storage tank etc.)		
1.4	Uniforms		
1.5	Computers		
1.6	Sports Kit		
1.7	Water filter with cooler		
2.	Health and Hygiene	15%	0.7312
2.1	Community Toilets		
2.2	Medical Camps		
2.3	Veterinary Camps		
2.4	Hospitals/Clinic		
3.	Safe Drinking Water	15%	0.7312
3.1	Water Tank		
3.2	Bore Well		
3.3	RO Plant		
4.	Infrastructure development / facilities	25%	1.218
4.1	Construction/repair and maintenance of public buildings/ utilities like community hall, drainage system, panchayat building, renovation of Primary health centre etc.		
	Solar Street light		
5.	Skill Development	10%	0.4875
5.1	Skill Development Programme		
6.	Plantation in community areas	5%	0.2437
	Total	100%	4.875

Noted and shall be complied

1. As directed by District Collector, we spent Rs.143 Lacs In the year 2020-21 as CSR for development of Sports Park at AB Road Dewas. Photographs of the same are attached herewith as Annexure-18 A
Another investment of Rs 1.30 Cr is planned and under development . cumulative investment is Rs 2.73 Cr,
2. We also spent Rs. 140 Lacs for development of COVID. Centre at our premises to support the noble cause during worst Pandemic spread.
3. Appreciation Letter from District Collector is attached herewith for your reference as Annexure-18 B.

Ipca Laboratories Ltd. Dewas
EC Specific condition as recommended by SEIAA Compliance

S.No.	EC Condition	Status
1	The entire demand of fresh water should be met through Dewas Water Project Works Private Limited as committed in letter dated 30.08.19	Agreement with Dewas water project has been executed and water supply started -Copy enclosed (please refer Annexure No.20)
2	Fresh water should not be used for Irrigation and gardening purpose	water from STP will be used for gardening
3	Waste water	
3(a)	PP should ensure "Zero effluent discharge" from the unit by 100%recycling. The water softening reject, boiler blow down reject and cooling blow down will be treated in ETP. Further treated waste water will go through the RO and finally re used / recycled in the process and unused waste water evaporates in MEE.	ZLD designed as per Condition and following are the capacities of components- 1. STP: 50 KLD (Pl. Refer Annexure-01) 2. ETP: 600 KLD (Pl. Refer Annexure-02) 3. RO: 438 KLD (Pl. Refer Annexure-03) 4. MEE: 100 KLD (Pl. Refer Annexure-04) 5. ATFD: 21.8 KLD (Pl. Refer Annexure-05)
3(b)	RO and MEE should be provided for treatment of high COD waste streams and only in case of emergency/breakdown high COD wastes should be disposed off through CTSDf, Pithampur, Dhar.	RO installed capacity: 438 KLD Make: Rochem Type: PT and Spiral (Pl. Refer Annexure-03) MEE installed capacity: 100 KLD Make – Chem Process Systems Pvt. Ltd. type – Force Circulation (Pl. Refer Annexure-04) Stripper Installed capacity: 75 KLD for high COD treatment. (Pl. Refer Annexure-06)
4	For Air Pollution:	
4(a)	PP should ensure install Bag house in stack for control of air pollution and stack height as proposed in the EIA/EMP.	Bag filter installed on Boiler and connected with Chimney as per enclosed photograph (Please refer annexure-07) Capacity in CFM – ID=9000 CFM, FD=5250 CFM Make – Industrial Boilers Ltd. Type – Fluidized bed combustion MOC of filter media : Rayon PPS bag (Poly Phenylene Sulphide) Boiler stacks and DG set stacks installed as photo enclosed : (Pl. Refer Annexure-08) Boiler chimney Height /Dia: Height=32 Mtr/ Top Dia=800 mm, Bottom Dia= 1800 mm DG set chimney Height /Dia : Height=30 m, Dia=350 mm
4(b)	The performance of air pollution control system should be regularly monitored and maintained.	Log Books for monitoring of below - 1. Bag filter : Part of boiler operation logbook 2. Chimneys : Annual thickness testing with ultrasonic tester will be done 3. Scrubbers : Part of Batch manufacturing

		records . 4. Dust collectors : Part of BPCR
4(c)	PP should ensure regular stack monitoring & Ambient air quality monitoring and should be carried out as per the guidelines/norms of MPPCB/CPCB.	Boiler and DG set stack having sampling points for monitoring and monitoring is being done as per schedule by NABL and MOEF approved.
4(d)	In plant control measures for checking fugitive emission from all the vulnerable sources shall be provided. Fugitive emission shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, Multi cyclone separator/bag filters and water sprinkling system.	following measures taken - RCC roads with pavers for material movement :Done Ash handling : closed area prepared Coal handling system :Coal stored under shed and feed by conveyor APH/Cyclone at boiler :APH and Cyclone installed water sprinklers : Installed
4(e)	Dust suppression system including water sprinkler system / fogging arrangement shall be provided at loading and unloading areas to control dust emission.	Coal handling and storage area equipped with sprinklers.
4(f)	Fugitive emission in the work zone environment, product, raw material storage areas etc. Shall be regularly monitored.	We have Installed on line VOC meter at solvent recovery plant. Raw material storage area designed with proper Auto ventilation.
4(g)	High efficient four stage ventury scrubber should be provided.	02 Nos. Scrubber installed, Photos enclosed (Please Refer Annexure-09)
4(h)	Transportation of raw material and finished goods should be carried out in covered trucks.	Noted and will ensure
4(i)	Company shall carry out the HAZOP study and report shall be submitted to ministry MoEF & CC Regional Office, Bhopal.	HAZOP Study performed. Copy enclosed. (Please refer Annexure-23)
4(j)	For control of fugitive emission and VOCs following steps should be followed.	
●	Chilled brine circulation system shall be provided and it should be ensured that the solvent recovery efficiency is not be less than 95%	Chilled brine plant installed capacity -134 TR and condensers having provision for use .Photo enclosed.(Please Refer Annexure-10)
●	Reactor and solvent handling pump shall be provided with mechanical seal to prevent leakage.	All solvent handling pumps are having mechanical seals .
●	Closed handling system should be provided for chemicals	Storage tanks with pump and piping installed with batch receivers at plant to ensure closed handling. photo enclosed :(Please Refer Annexure-11)
●	System of leak detection and repair of pump/pipeline should be based on preventive maintenance.	Preventive maintenance schedule for each equipment is prepared .
●	Solvent shall be taken from underground storage tank to reactor through closed pipeline. Storage tank shall be vented through trap receiver and condenser operated on chilled water.	All the underground solvent storage tanks provided with N2 blanketing system. Hence vent condenser / trap not required.
5	Hazardous waste management	
5(a)	As proposed above, PP should ensure disposal of hazardous waste regularly and there should be no dumping of these materials in the premises/outside.	Hazardous waste shall be disposed as per consent condition and mode of disposal.
5(b)	PP should ensure handling, disposal and management of hazardous waste as per the related prescribed rules.	Noted
5(c)	PP should obtain Renewal of authorization regularly from MPPCB for collection storage and disposal of hazardous	Noted

	waste (Management, handling & trans boundary Movement) Rules 2008 and its amendments. Membership of the TSDF should be renewed in time to time for hazardous waste disposal.	
5(d)	Hazardous chemicals should be stored in sealed tanks, drums etc. Flame arrestors shall be provided on tanks. To avoid the spillage from processing unit, Industry shall provide fully mechanized filling and packaging operation unit.	Facility provided accordingly.
5(e)	Ensure the transportation of raw/ finished material only by covered vehicles.	Noted
5(f)	Ensure the storage and handling of all the chemicals in a proper and safe manner to avoid any spillages and also to prevent runoff contamination in monsoon.	All storage tanks having Dyke wall with sump and pumps.
5(g)	Ensure collection & Treatment of spillages, if any.	Spill kits made available at shop floors .
5(h)	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of hazardous chemicals.	HAZOP study along with PSI/PHA has been done. JSA for each activity also prepared.
5(i)	PP should ensure to implement the process as per Acceptance letter for co-processing for cement kiln with J K cement plant and agreement for co-processing with Ultra tech cement.	Agreement done with Green Gene Enviro Protection and Infrastructure Private Limited (GGEPI) for co- processing.
6	Green Belt Development:	
6(a)	It is noted that the proposed site has already 217 well developed trees of ten species but out of these, approximate 40% i.e. 87 trees are likely to be cut PP should ensure to obtain prior approval for cutting the existing trees.	All the trees are retained and no trees cutting at site.
6(b)	PP should ensure plantation as proposed 28% green belt of the total area. Plantation in the project area of indigenous local varieties like neem, Peepal, Kadam and kachnaar.	Plantation as per proposed layout has been done and under development phase.
6(c)	Every effort should be made to protect the existing trees on the plot.	We have diverted RCC road for protecting Pipal tree and Storm water drain modification done for protecting Aakash tree.
6(d)	Overall plantation of 12,667 trees (4298 trees at site + 8369 trees on adjoining plot) of various species is planned to reduce the overall impact in surrounding environment due to the proposed project .	We have already planted 2000 no. of trees at site and PO for planting 2300 no. of more trees has been released and plantation will be done on the occasion of Environment day 05/06/2022.(Please Refer Annexure-12)
6(e)	Green area including thick green-belt shall be developed in at least 33% of the plot area to mitigate the effect of fugitive emissions all around the plant in consultation with the forest department as per the guidelines of CPCB.	Green belt is under development phase.
7	PP should obtain NOC/ approval from competent authority for health & safety measure, On site & offsite disaster management, and Risk management plan before commencing with the forest department as per the guidelines of CPCB.	DISH layout approval obtained. on site emergency plan prepared and applied for approval.
8	PP should obtain fire NOC from the competent authority before commencing the operation of the unit.	Fire NOC obtained. Copy enclosed (Please refer Annexure No. 22)
9	PP should ensure installation of photovoltaic cells (solar	LED lights installed in all areas and all

	energy) for lighting in common areas, LED light fixtures and energy efficient equipments.	motors/electrical equipments are energy efficient.
10	PP should ensure the implementation of CER activities to the extent of Rs.4.875 Crore for 5 years as committed during presentation to the extent on regular basis in consultation with the Gram Panchayat of the receptive village.	Rs 1.43 Cr investment made for development of green belt/Sports garden under leadership of Dewas collector. Copy of latter is enclosed. Another investment of Rs 1.30 Cr is planned and under development . cumulative investment is Rs 2.73 Cr,
11	The validity of the EC shall be as per the provisions of EIA Notification subject to the following : Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product-mix in proposed mining unit shall require a fresh Environment Clearance.	Noted
12	In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.	Noted
13	Total quantity of runoff water generated and green belt area should be collected in underground tank & used for process in plant to minimize fresh water requirement.	Total 03 Nos. RCC Guard pond constructed with storm drain channel, each tank capacity is 100 KL.
14	PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation in MP-SEIAA. If PP is failed to upload or submit two consecutive half yearly compliance reports of EC conditions to concerned authority (SEIAA and Regional Office, MoEF&CC. Gol, Bhopal) than prior environmental clearance issued to PP will automatically be treated as canceled/revoked as per OM No.930/SEIAA/2019 dated 30.05.2019 issued by MPSEIAA.	Noted and being submitted report accordingly .

Ipca Laboratories Ltd. Dewas
EC Specific Condition recommended by SEAC Compliance

S.NO.	EC Condition	Status
A	Statutory compliance	
i	The project proponent shall obtain Consent to establish/operate under the provisions of Air (Prevention & Control of pollution) Act, 1981 and the Water (Prevention & Control of pollution) Act, 1974 from the Madhya Pradesh Pollution Control Board(MPPCB)	CTE/CTO obtained ,copy enclosed (Please refer Annexure No. 24,25)
ii	The project proponent shall obtain authorization under the Hazardous and other waste management Rules, 2016 as amended from time to time & permission of competent authority if ant tree falling is to be carried out.	Obtained
iii	The company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous chemicals shall be as per the Motor Vehicle Act(MVA), 1989	PESO license obtained ,copy enclosed (Please refer Annexure No. 26)

B	Air quality monitoring and preservation	
i	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986	Noted, same is being done by NABL and MOEF approved lab.
ii	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released e.g. PM10 and PM2.5 in reference to PM emission and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each) covering upwind and downwind directions. The project proponent shall install one continuous ambient air quality monitoring system in Dewas industrial area and display its results through display board for public awareness. The location of this station shall be finalized in consultation with the regional officer, M.P. Pollution Control Board, Dewas.	CAAQMS installed in coordination with MPPCB dewas and Dewas collector. connectivity with server also done .
iii	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS . Sulphur content should not exceed 0.5% in the coal/ Bio Briquette for use in Coal// Bio Briquette fired boilers to control particulate emissions within permissions within permissible limits(as applicable). The gaseous emissions from the boiler, DG set and scrubber shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.	Noted and facility installed accordingly as mentioned.
iv	Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Coal storage in covered area as per enclosed photographs Please refer annexure-13
v	The 2 DG sets (2nos. X 1000 KVA = 2000KVA) shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regards.	In this phase 1 we have installed 01 Nos. 1000 KVA DG set with acoustic enclosure – Photographs enclosed (please refer annexure-14)
vi	DG exhaust will be discharged at height stipulated by CPCB.	Stack height - 30 Mtr.
vii	National Emission Standards for Organic chemicals manufacturing industry issued by the ministry vide G.S.R. 608(E) dated 21 st July , 2010 and amended from time to time shall be followed.	Noted
viii	The national ambient air quality emission standards issued by the Ministry vide G.S.R.No 826(E) dated 16 th November 2009 shall be accomplish with.	Noted
C	Water quality monitoring and preservation	
i	The project proponent shall provide 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.	On line flow meter installation done , PTZ camera installed with night vision capability at storm water drain outlet point, connectivity with server also done, photo enclosed. (Please refer Annexure-15)
ii	As already committed by the project proponent Zero Liquid Discharge shall be ensured and no waste/ treated water shall be discharged outside the premises.	ZLD installed as per enclosed photo.(Please refer annexure 1 to 6)
iii	718 KLD water will be consumed from Dewas Water Project	Noted and facility installed accordingly as above

	Works Private Limited (Formerly known as Anjar Water solution Pvt.Ltd.) water supply. The effluent shall (531KLD) be segregated as high COD/High TDS and low COD/Low TDS effluents and sewage. The HCOD/HTDS shall be neutralized and sent to stripper followed by MEE and ATFD. LCOD/LTDS effluent shall be treated in ETP followed by RO/MEE system, domestic effluent shall be treated in STP. The treated effluent shall be entirely reused and recycled in cooling tower make-up / Boiler feed and treated sewage shall be used in gardening.	for first phase .
iv	Adhere to 'Zero Liquid Discharge and No industrial effluent from the unit shall be discharged outside the plant premises. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.	PTZ Camera installed with night vision 42X zoom capacity at storm water drain outlet point, connectivity with server also done, photo enclosed. (Please refer Annexure-15)
v	The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the Madhya Pradesh Control Board while granting Consent under the Air/Water Act, whichever is more stringent.	NO Discharge, will maintain ZLD
vi	Total fresh water requirement shall not exceed 718 KLD and as proposed Dewas Water Project Works Private Limited shall provide the fresh water.	Noted, and as per requirement agreement done for 250 KLD water with Dewas water project works pvt. ltd. copy enclosed. (Please refer annexure No.20)
vii	Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.	Arrangement for the same made accordingly. Total 03 Nos. RCC Guard pond constructed with storm drain channel, each tank capacity is 100 KL.
viii	The company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.	Rain water harvesting system installed at four buildings roof tops. photo enclosed . (Please refer annexure-16)
ix	Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.	HT connection taken for power and Separate LT feeder with Adequate protection installed.
D	Noise Monitoring and prevention	
i	Acoustic enclosure shall be provided to 2 nos x 1000 KVA = 2000KVA sets for controlling the noise pollution.	In this Phase 1 we have installed 1000 KVA DG and provided acoustic enclosure. (Please refer annexure 14)
ii	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.	Noise level control measures taken in each area. SOP prepared for noise monitoring and record maintained as per SOP.
iii	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	Noise level checked in various areas and found below 70 dB.
E	Energy Conservation measures	
i	The energy sources for lighting purposes shall preferably be LED based.	LED lights installed
ii	The total power requirements for project will be 3500KVA. The power will be supplied by Power Generator i.e. Grid Power(Madhya Pradesh Paschim Kendra Vidyut Vitaran	Agreement with MPPKVVC has been done .copy enclosed (Please refer annexure no. 19)

	Company Ltd.)	
F	Waste management	
i	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps	Tanks farm installed as per desired accessories.
ii	Hazardous wastes such as	
a	Process Residue & waste , Spent Carbon, Date expired Products (0.5% of total production capacity), Off specification products (0.5% of total production capacity), Contaminated cotton Rugs and other cleaning material, Spent Filter media, Spent iron exchange resin, Spent/Waste solvent from process and ETP ZLD system, Any process or distillation residue, shall be directly sent to incineration at CHWIF at Pithampur or send for co-processing at authorized cement industry or pre-processing.	Noted
b	Sludge/MEE salt from Wastewater Treatment Plant, Asbestos Sheet shall be directly sent to MPWMP for disposal at Pithampur	Noted
c	Used Oil / Spent oil, Process mother liquor, Corrosive waste acid / caustic lye, Spent catalyst shall be sent to authorized decontamination facility/ recyclers or reuse.	Noted
d	The Fly ash generated from boilers shall be stored in silos/ covered shed and disposed of through cement manufacturers by bulkers / closed containers and should comply with Fly Ash Utilization Notification, 1999 and as amended subsequently.	Noted
e	If any Flammable, ignitable , reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.	Noted
f	Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.	Installed
g	In order to have appropriate measures to prevent percolation of spills, leaks etc. To the soil and ground water, the storage area should be provided with concrete floor of inert material or steel sheet depending on the characteristics of waste handled and the floor must be structurally sound and chemically compatible with wastes.	Chemical resistance flooring installed.
h	Measures should be taken to prevent entry of runoff into the storage area, the storage area shall be designed in such a way that the floor level is at least 150 mm above the maximum flood level.	Plinth level designed accordingly .
i	The storage area floor should be provided with secondary containment such as proper slopes as well as collection pit so as to collect wash water and the leakages / spills etc.	All storage areas designed accordingly with sump.
j	Storage areas should be provided with adequate number of spill kits at suitable locations. The spill kits should be provided with compatible sorbent material in adequate quantity	Spill control and containment SOP prepared Spill kit provided accordingly.
k	Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.	Displayed
l	Proper fire fighting arrangements in consultation with the	Provided and Fire NOC Obtained. copy enclosed.

	fire department should be provided against fire incident	(please refer annexure No. 22)
m	All the storage tanks of raw materials / product shall be fitted with appropriate controls to avoid any spillage /leakage .Bund/duke walls of suitable height shall be provided to the storage tanks. Closed handling system of chemicals shall be provided	facility installed accordingly
n	Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report	All HZ Waste shall be handled through Online Manifest only.
o	Process organic residue and spend carbon, if any, shall be send to cement industries for co-processing or for pre-processing. ETP sludge ,process inorganic & evaporation salt shall be disposed off to the TSDF	Noted and will follow.
p	The company shall undertake waste minimization measures as below.	Waste reduction planning in coordination with in house Process Excellence lab will be done as part of waste elimination .
	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	Powder handling automation considered.
	c) Use of automated filling to minimize spillage	
	d) Use of close feed system into batch reactors.	Facility of solvent and chemical transfer through pumps and close piping with auto control system.
	e) Venting equipment though vapor recovery system.	All vents through condensing unit only.
	f) Use of high pressure nozzles for equipment cleaning to reduce waste water generation	will use wherever applicable.
G	Green Belt	
i	Out of 1,02,911 sq . M area 29,523 sq meter (28%) area will be covered with the good green belt and 4,298 tree .will be planted .The green belt of 5m width will be developed mainly along the periphery and road side .Selection of plant species shall be as per the CPCB guide lines in consultation with the state Forest Department additionally 55,790 m2 or 5.579 Ha area of DIC is being proposed on nearby plot for development of greenbelt.	Green belt development planned as per guideline and plantation under progress. apart from this 2 nos Garden development having approx area 45000 M2 and 30000 M2 are taken from local administration . one are of 45000 M2 has been completed. Second of 30000 M2 work is under progress.
ii	As proposed 100 trees are to be uprooted for which permission of competent authority shall be obtained and additional 10 times plantation shall be carried out .	Noted and will take up if any .
iii	Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meter height of species which are fast growing with thick canopy cover preferential green nature .pp will also make necessary arrangements for the causality replacement and maintenance of the plants.	Plantation done and drip irrigation system also installed in all greenbelt area to take care of trees.
iv	PP shall explore the possibility of planting additional 1000 trees along the banks of Nagdhavan Nallan Under CER with the help of local administration .	we will plan in 2023 as 2 other CER projects taken as per local administration advise.
H	Safety public hearing and Human health issues	
i	Emergency Preparedness plan based on the hazard identification and Risk Assessment (HIRA) and Disaster management plan shall be implemented	Onsite emergency plan prepared and submitted for approval.
ii	The unit shall make the arrangement for protection of	Fire fighting system comprising water storage

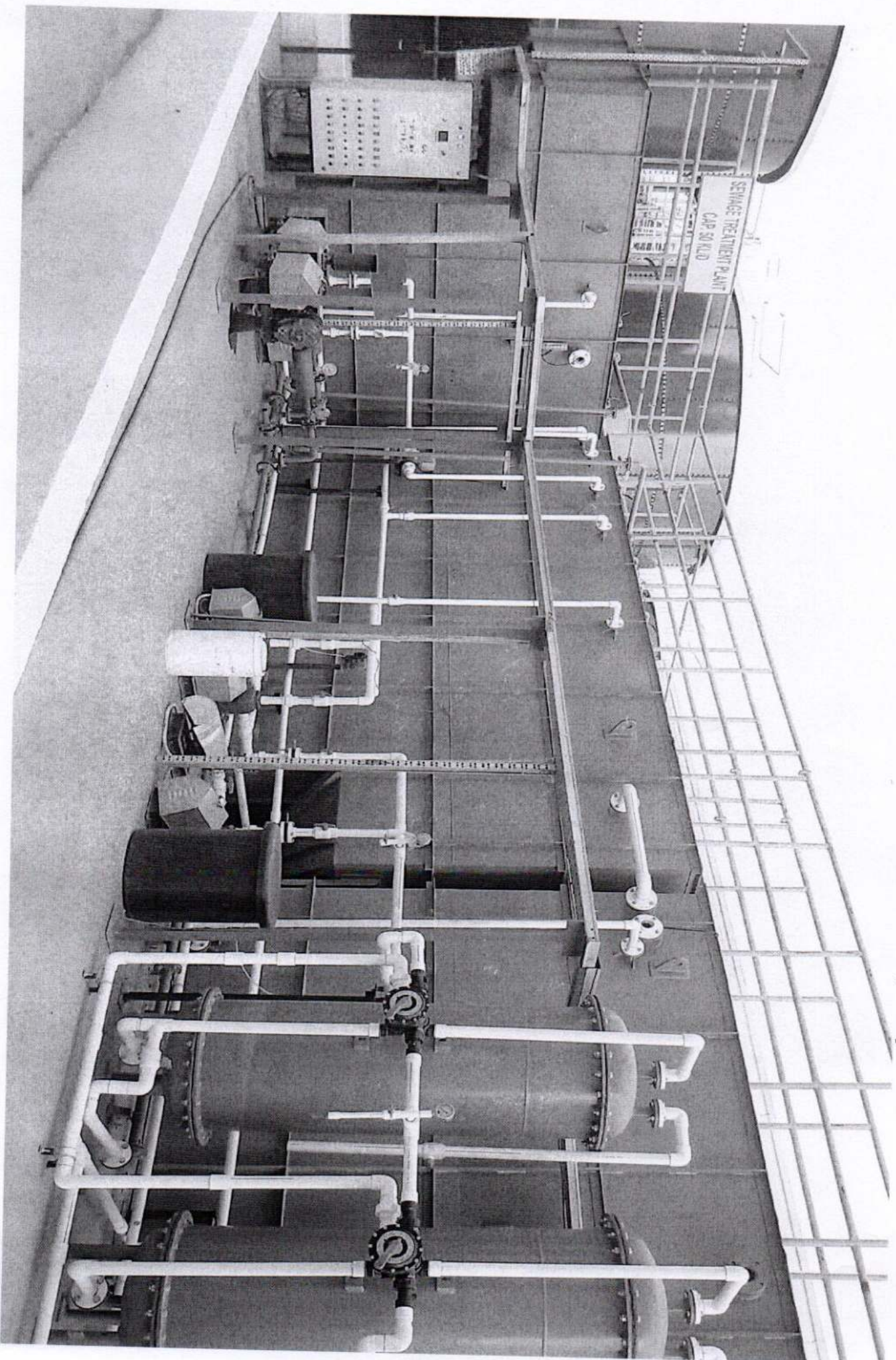
	possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.	tanks 1200 KL and jockey pump/main electrical pump /Diesel engine driven pump also installed . complete ring system of hydrant piping and monitors installed all around the plant premises.
iii	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	yes provided
iv	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	induction training at the time of joining and regular training periodically also being provided. Medical checkup at time of joining and periodically medical check up is being done as per schedule.
v	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	it was provided during project phase .
vi	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	occupational health centre facility created in side premises as per factory act and health check will be done as per guideline .photo of facility enclosed. (Please refer annexure 17 A,B,C)
vii	There shall be adequate space inside the Plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.	Parking area marked inside the facility for employees as well for outside vehicles carrying raw material /FG .
I	Corporate Environment Responsibility	
i	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1 st May 2018, as applicable, regarding Corporate Environment Responsibility.	Being complied
ii	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements/ deviations/ violation of the environmental / forest / wildlife norms / conditions and or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.	Approved policy on Environment ,Health and Safety is being displayed .
iii	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	Well established Organogram for complete EHS function is in place .Committee comprising managing director ,Executive director ,presidents and plant heads.
iv	Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.	We are maintaining separate fund allocation to the CSR/CER.
v	The proposed EMP capital cost is Rs.2157 lakhs and 871.05 lakhs/year as recurring cost and out of which the	Green belt development is as per stated norms.

	Environment monitoring Cost for the project is 110 lakhs and Rs.12.05 lakhs is proposed for green belt development.	
vi	Under CER activity, Rs.487.5 lakhs in 5 years are proposed for different activities.	Noted and will take up accordingly .
vii	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	Noted .
viii	Self environmental audit shall be conducted annually.	Noted and will be done by Corporate EHS team.
J	Miscellaneous	
i	PP shall be responsible for discrepancy (if any) in the submission made by the PP to SEAC & SEIAA.	Noted
ii	The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the state government.	Noted
iii	The project proponent shall abide by all the commitment and recommendation made in the EIA/EMP report, commitment made during public hearing and also that during their presentation to the Expert Appraisal committee.	Noted and complied
iv	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and climate change (MoEF&CC)	Noted
v	The above conditions shall 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, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act , 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.	Noted and shall be complied
	Standard Conditions:	
1	The company shall carry out the HAZOP study and the report shall be submitted to Regional Office of MoEF, Gol at Bhopal.	HAZOP Study done. Copy enclosed (Please refer Annexure No. 23)
2	The company shall comply with the EREP guidelines prepared by MPPCB for Bulk Drug Plants.	Under this guidelines energy saving lighting has been installed and also 4 nos. Rain water harvesting system installed
3	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixings of accidental spillages with domestic waste and storm drains.	Separate spill collection pit made available.
4	Industry should get the Emergency Disaster Management Plan approved by DTHS and should also comply with the provisions made in Public Liability Insurance Act, 1991.	Public liability insurance policy taken, On site emergency plan prepared and now under approval.
5	All parameters listed in Environmental Monitoring Plan approved by SEAC must be monitored at approved locations	Monitoring is being done as per schedule.

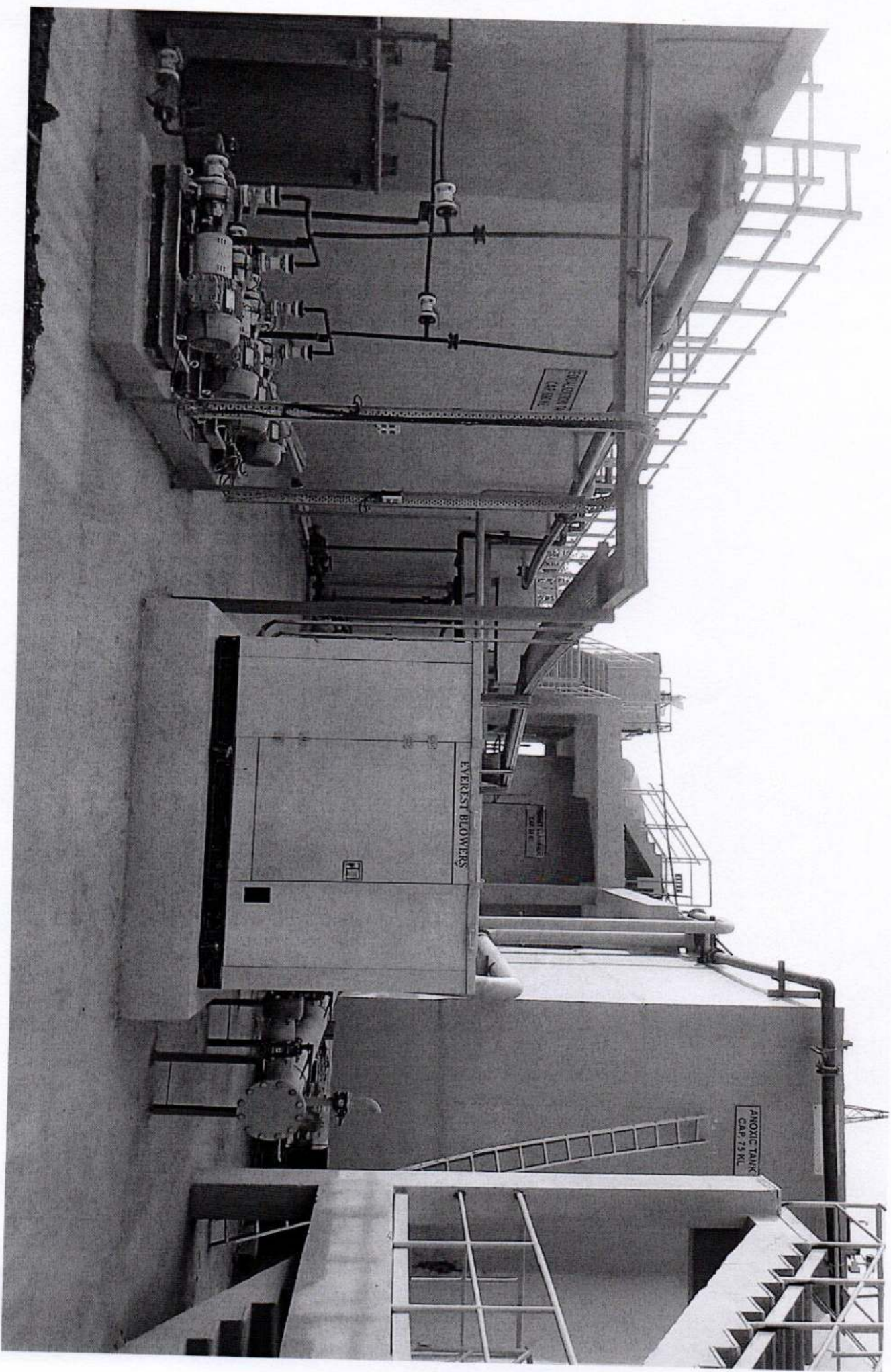
	and frequencies.	
6	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Regional office of the Ministry of Environment and Forest, Bhopal and MP PCB.	We are maintaining separate fund allocation to the CSR/CER.
7	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department , Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained (as and when applicable) , by the project proponent from the respective competent authorities.	Fire NOC, PESO license, Factory license obtained, Copy enclosed. (Please refer Annexure No. 22,26,27)
8	The Regional Office, MoEF, Gol, Bhopal and MP PCB shall monitor compliance of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, should be given to Regional Office, MoEF, Gol, Bhopal and MP PCB.	Noted and already submitted at the time of approval.
9	A copy of the environmental clearance shall be submit by the project Proponent to the Heads of the Local Bodies, Panchayat and Municipal Bodies as applicable' addition to the concerned Government Departments / organization responsible for controlling the proposed projects who in turn has to display the same for 30 days from the date of receipt. The project proponent has to strictly follow directions/guideline issued by the MoEF,Gol, CPCB and other Govt. agencies from time to time.	EC copy already submitted to concern dept. Also has been displayed in two news papers.
10	The Project proponent has to strictly follow directions /guideline issued by the MoEF, Gol, CPCB and other govt. Agencies from time to time.	Noted and shall be complied
11	The Project Proponent shall advertise at least in two local newspapers widely circulated one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the State Level Environment Impact Assessment Authority (SEIM) website at www.mpseiaa.nic.in and a copy of the same shall be forwarded to the Regional Office, MoEF, Gol, Bhopal and MP PCB.	We have complied all condition.
12	The Project Proponent has to upload soft copy of half yearly compliance report of the stipulated prior environmental clearance terms and conditions on 1st June and 1st December of each calendar year on MoEF & CC web portal http://www.environmentclearance.nic.in/ or http://www.efclearance.nic.in/ and submit hard copy of compliance report of the stipulated prior environmental clearance terms and conditions to the Regulatory Authority also.	Being sent
13	The SEIAA of M.P. reserves the right to add additional safeguard measures subsequently, if found necessary , and to take action including revoking of the environment	Noted

	clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	
14	These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006:	Noted and being complied
15	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Noted
16	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.	Noted and shall be complied
17	Any appeal against this prior environmental clearance shall lie with the Green Tribunal, if necessary, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted
18	The prior Environmental Clearance granted for the project is valid for a period of seven years as per EIA notification dtd. 14.09.2006 & its amendments .	Noted and shall be complied
19	The proponent shall upload the status of compliance of the stipulated EC conditions including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Display board installed at main gate and parameters is being displayed.
20	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent 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 EC conditions and shall be sent to the Regional Office of MoEF.	Will be followed

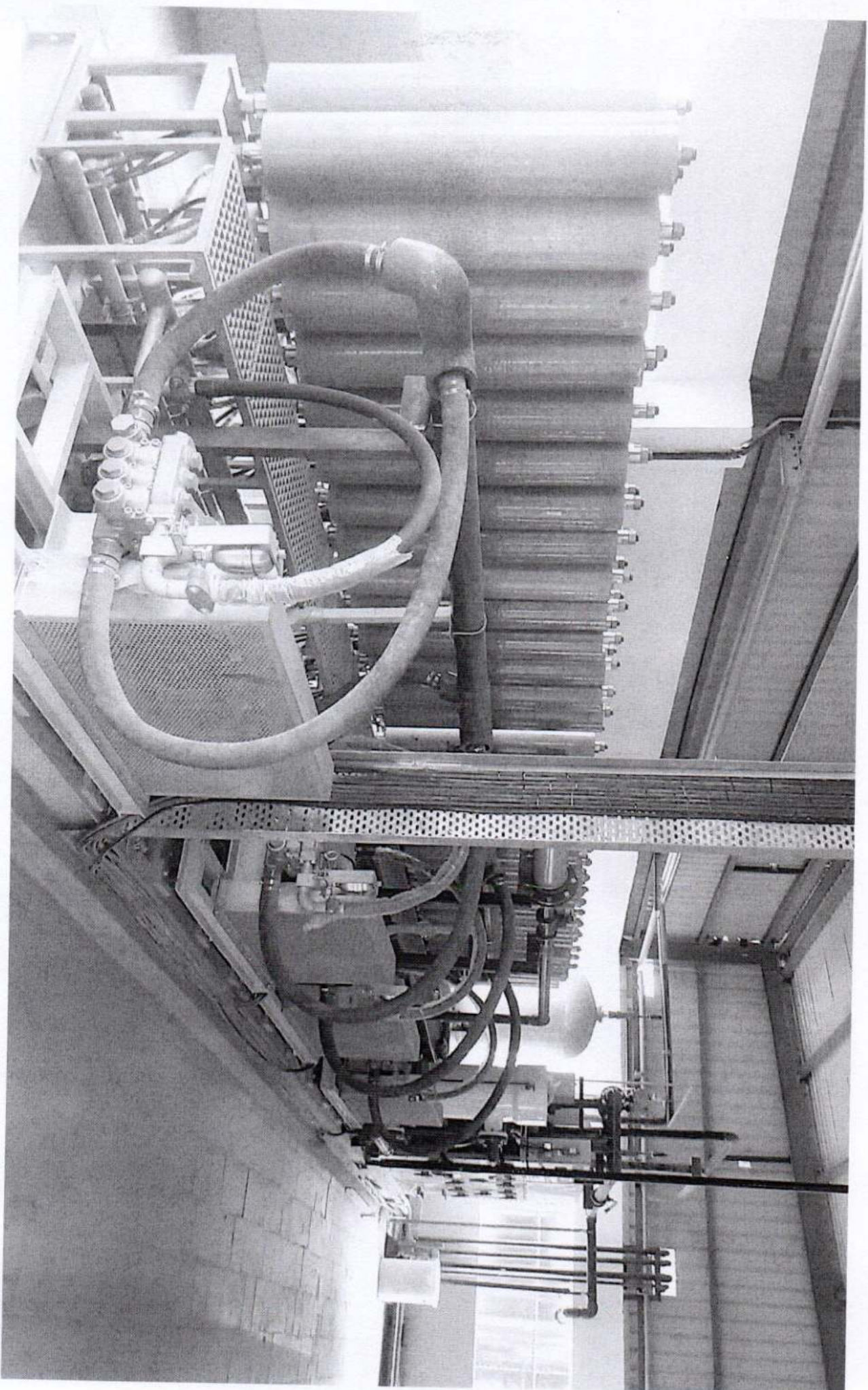
Annexure No. 01 Sewage Treatment Plant (STP)



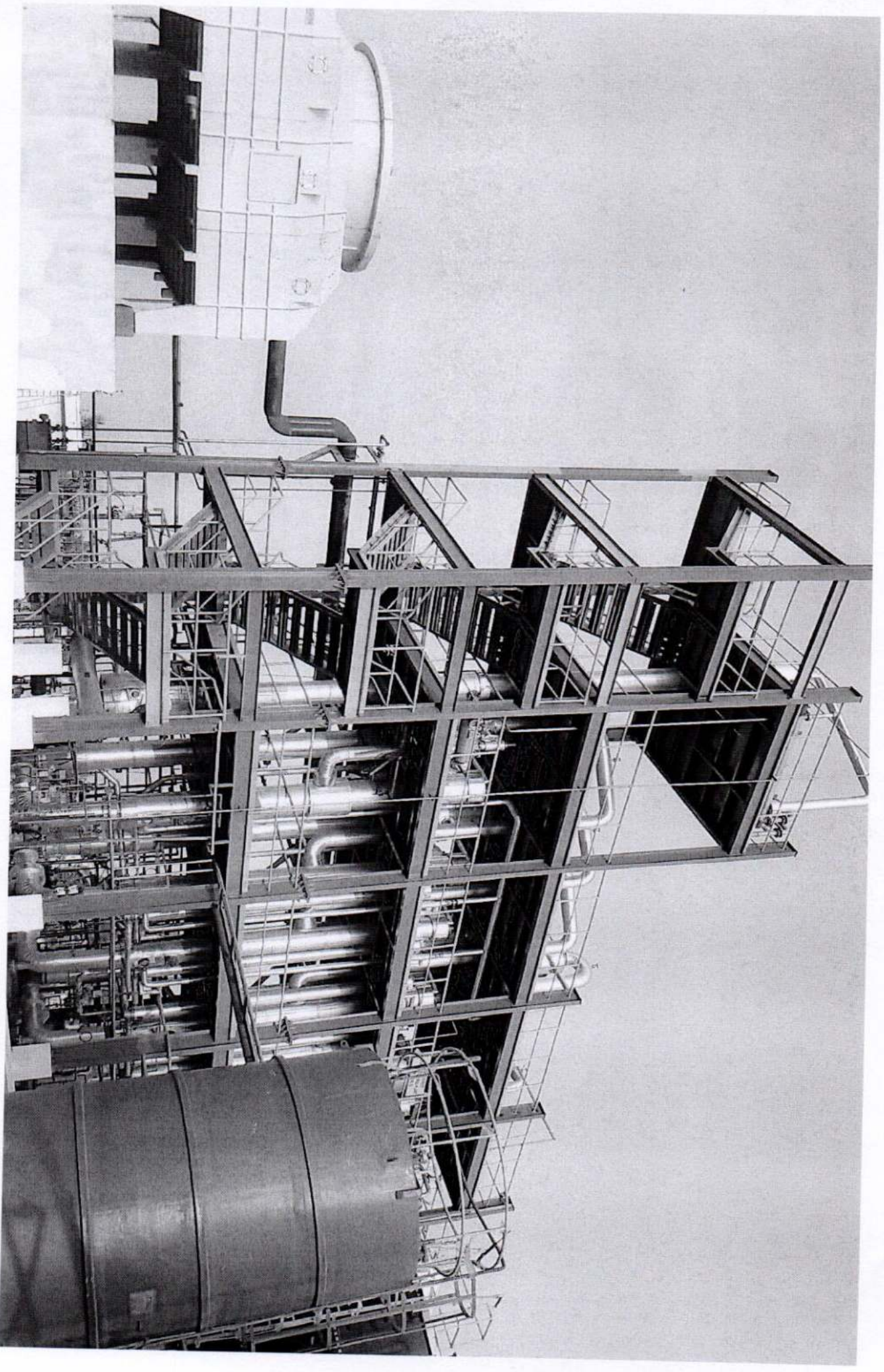
Annexure No. 02 Effluent Treatment Plant



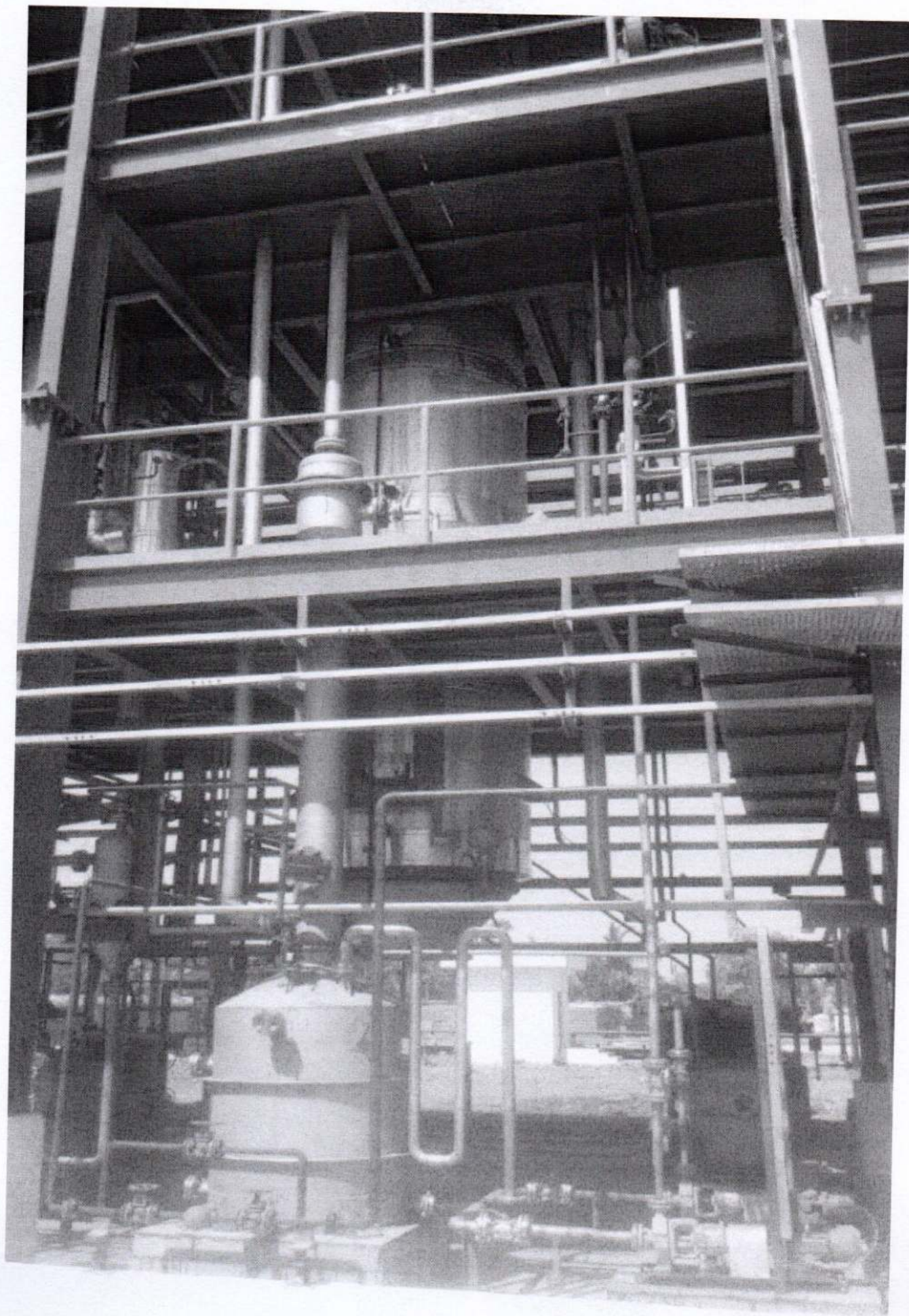
Annexure No.03 RO Plant



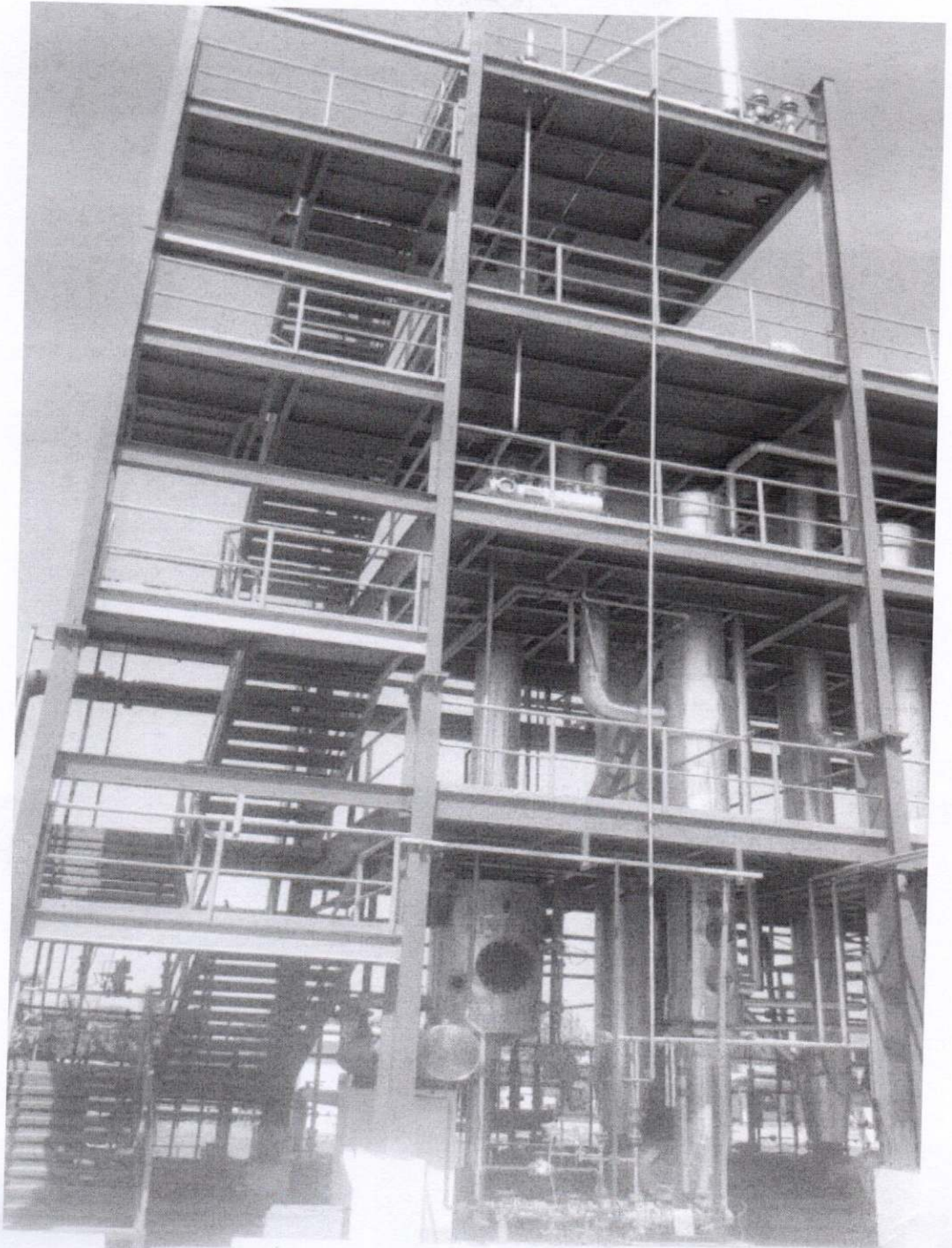
Annexure No. 04 Multiple Effect Evaporator (MEE) Plant



Annexure No.5 ATFD Plant



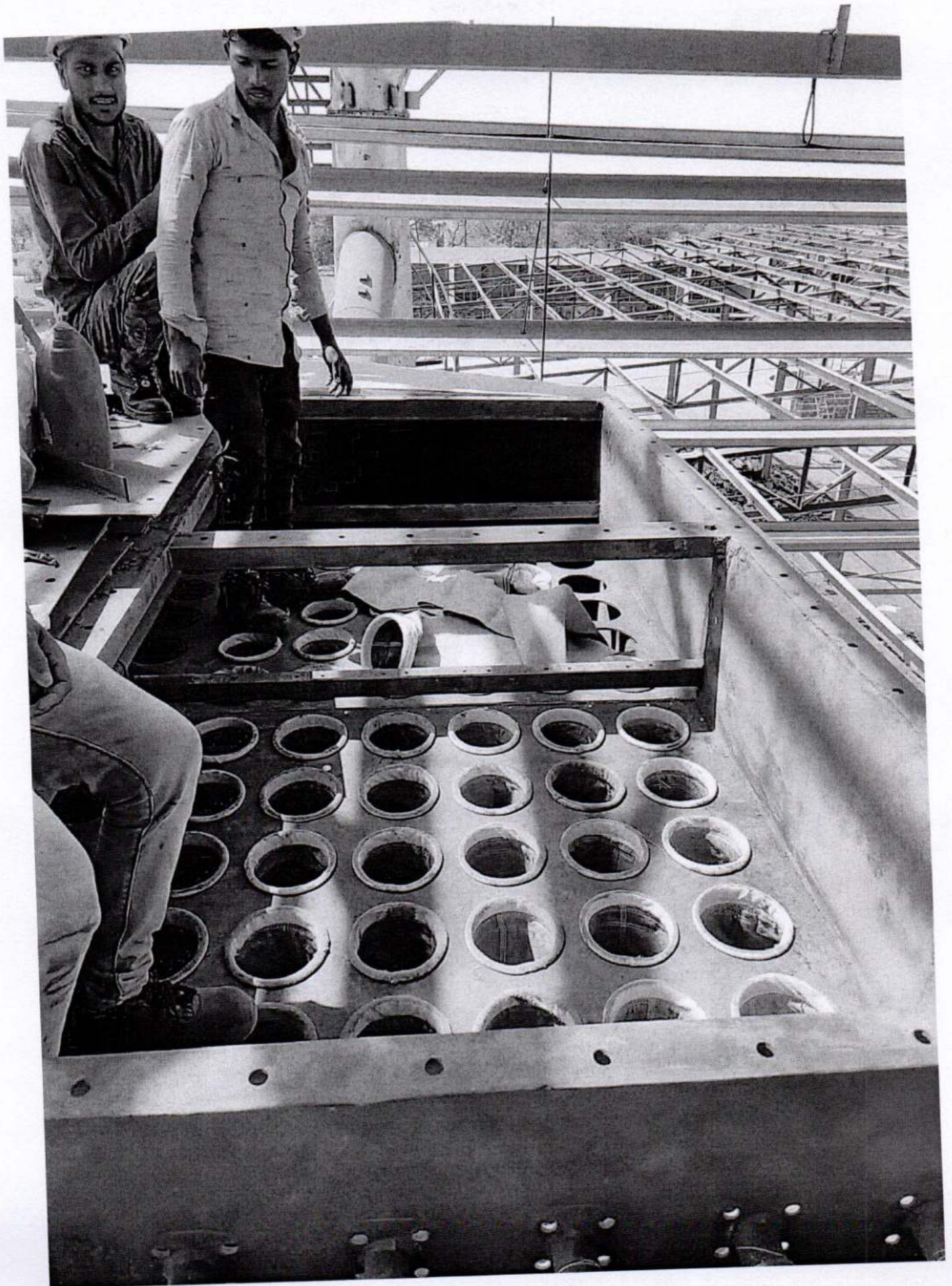
Annexure No. 06 Stripper Plant



Annexure No. 07 (A) Boiler bag filter housing



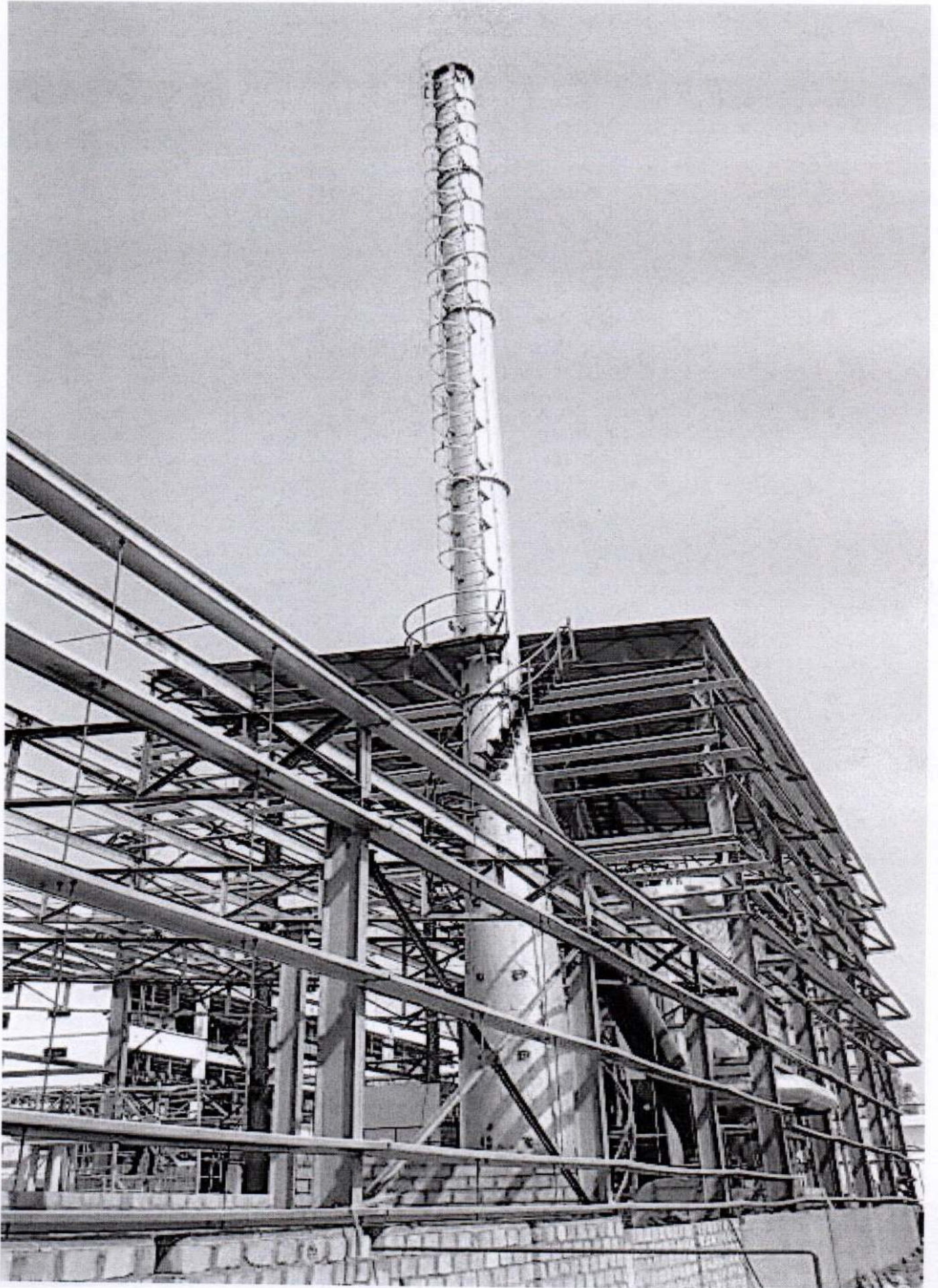
Annexure No. 07 (B) Boiler bag filter bags



Annexure No. 08 DG Stack (A)



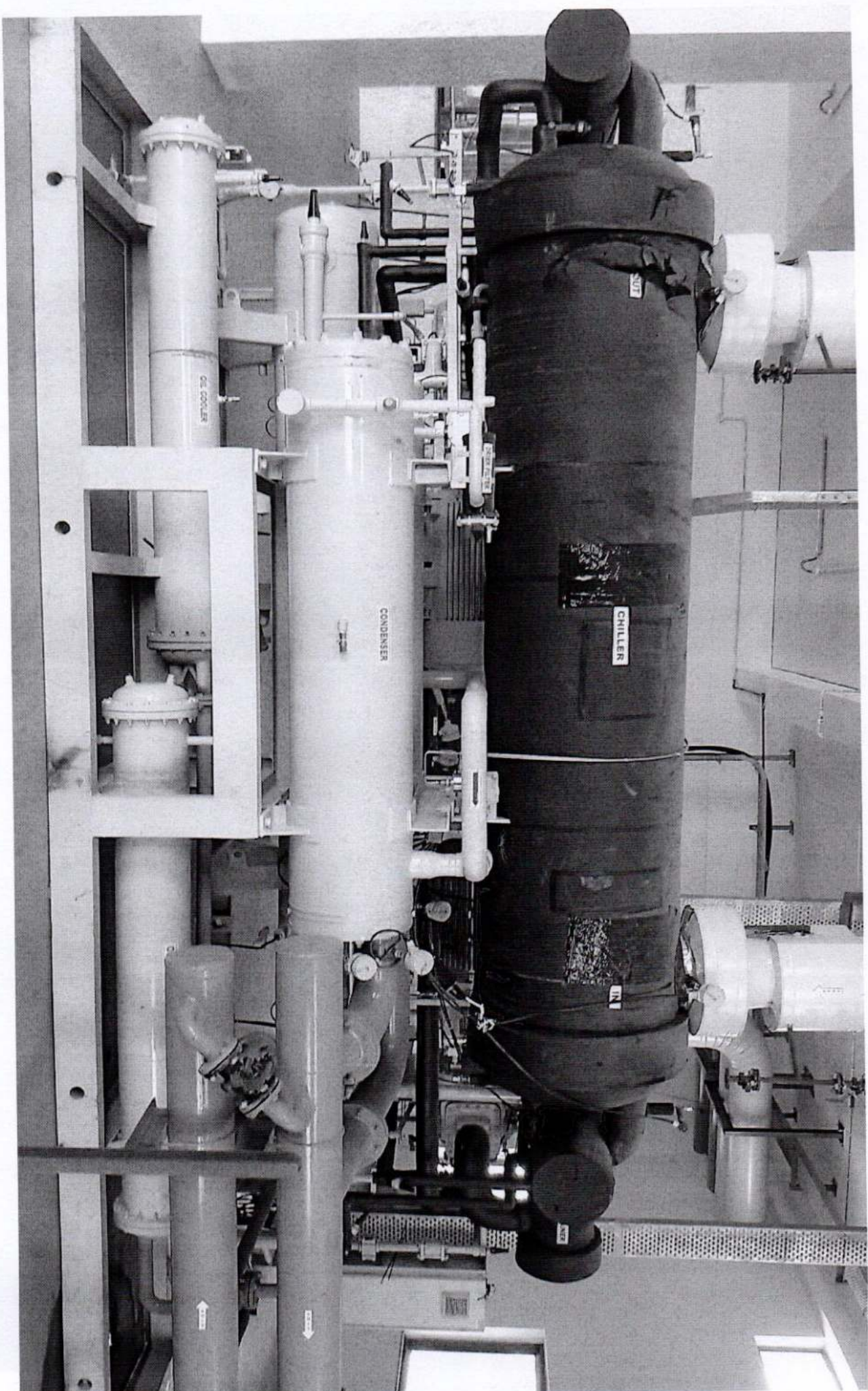
Annexure No. 08 (B) Boiler Stack



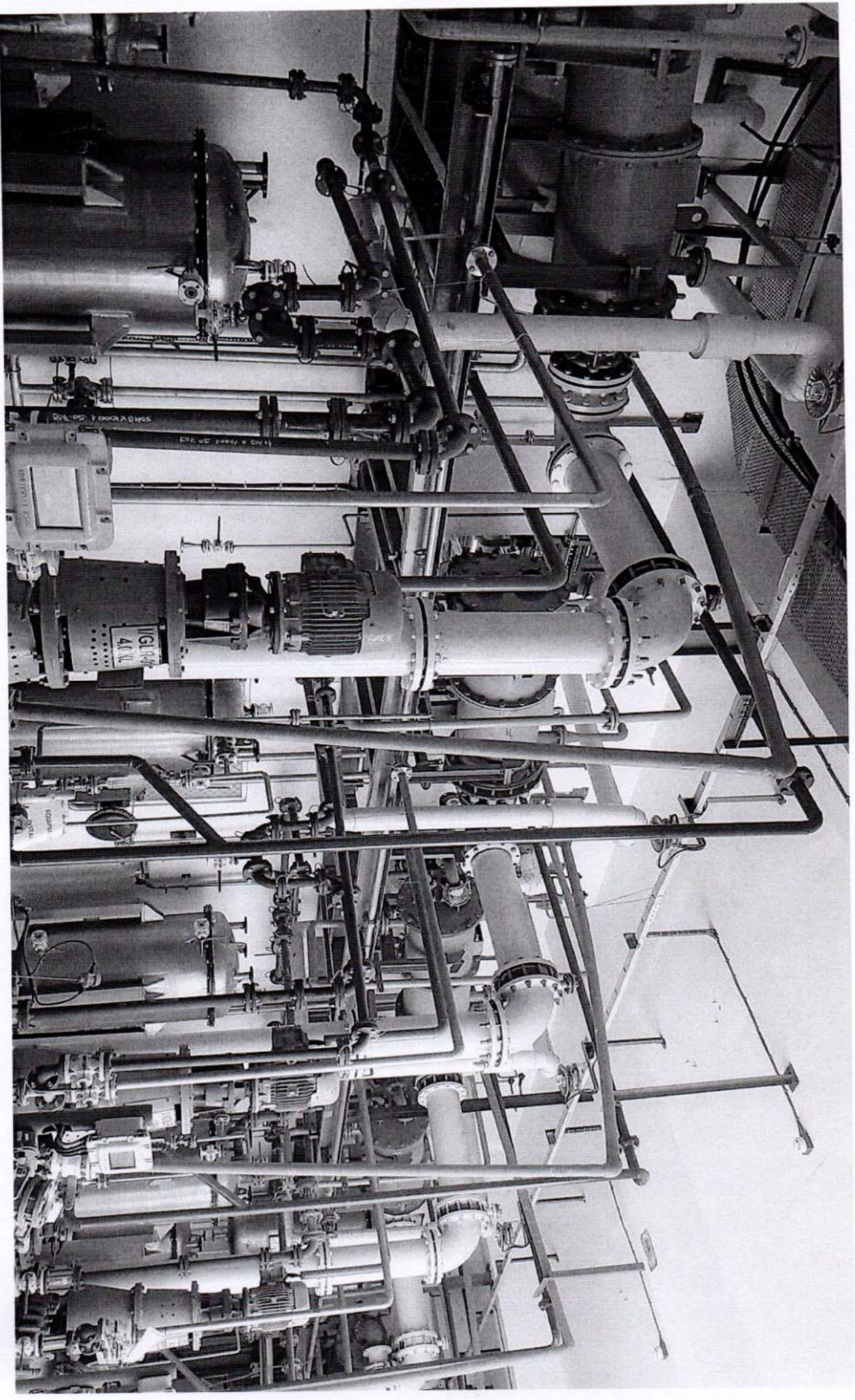
Annexure No.09 Scrubber (02 Nos)



Annexure No. 10 Child Brine Plant



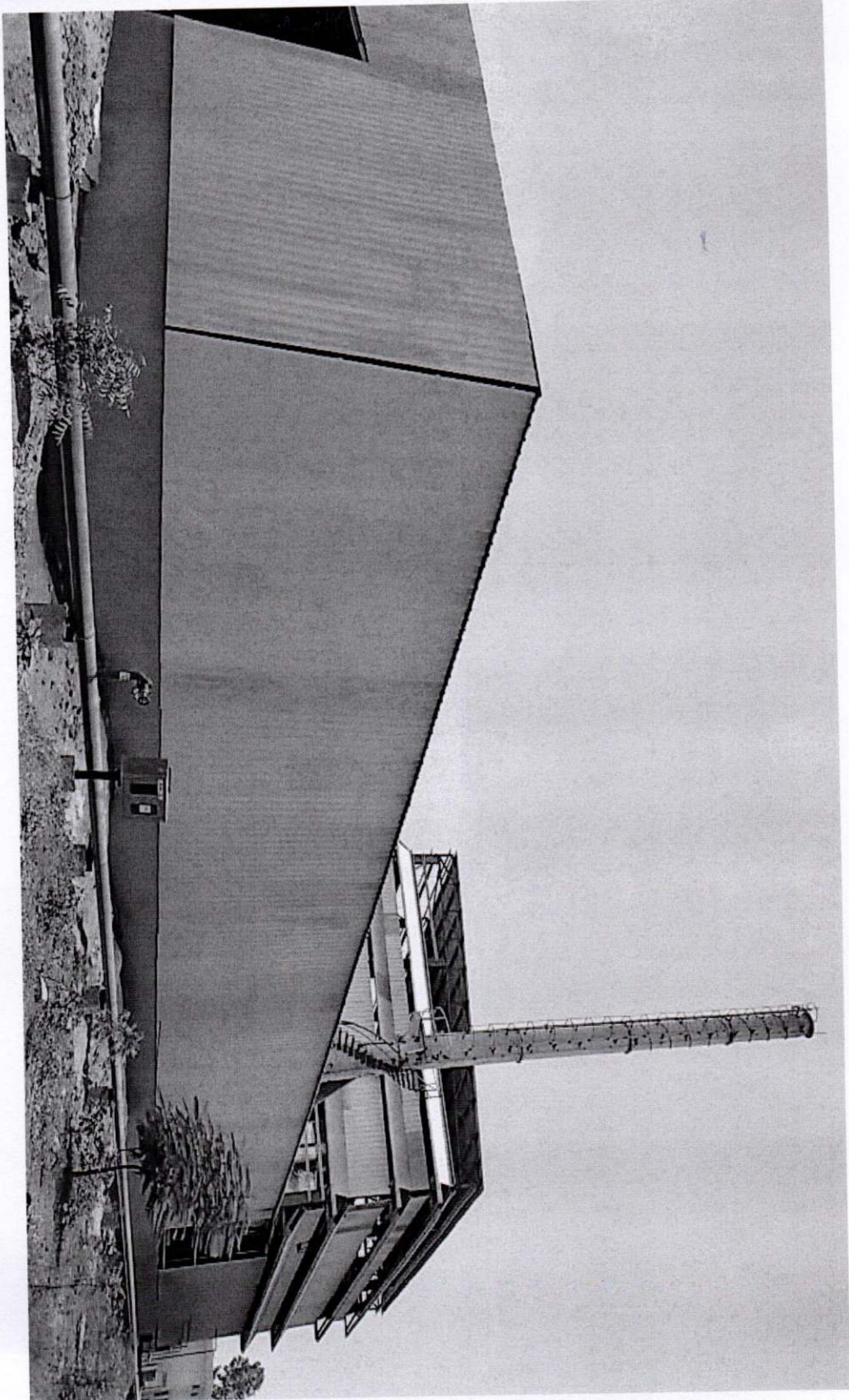
Annexure No. 11 Condensor



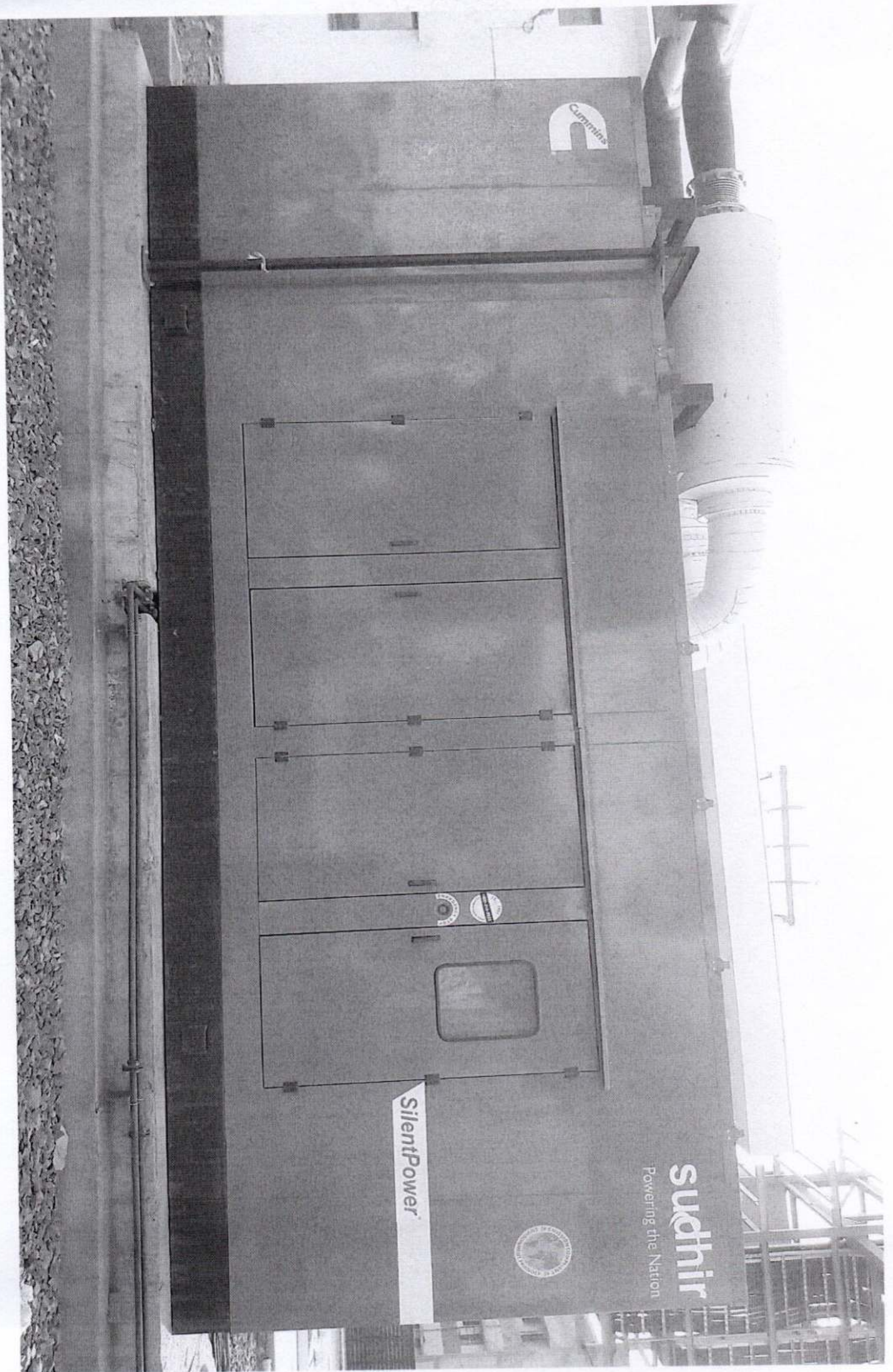
Annexure No. 12 Green Belt Area



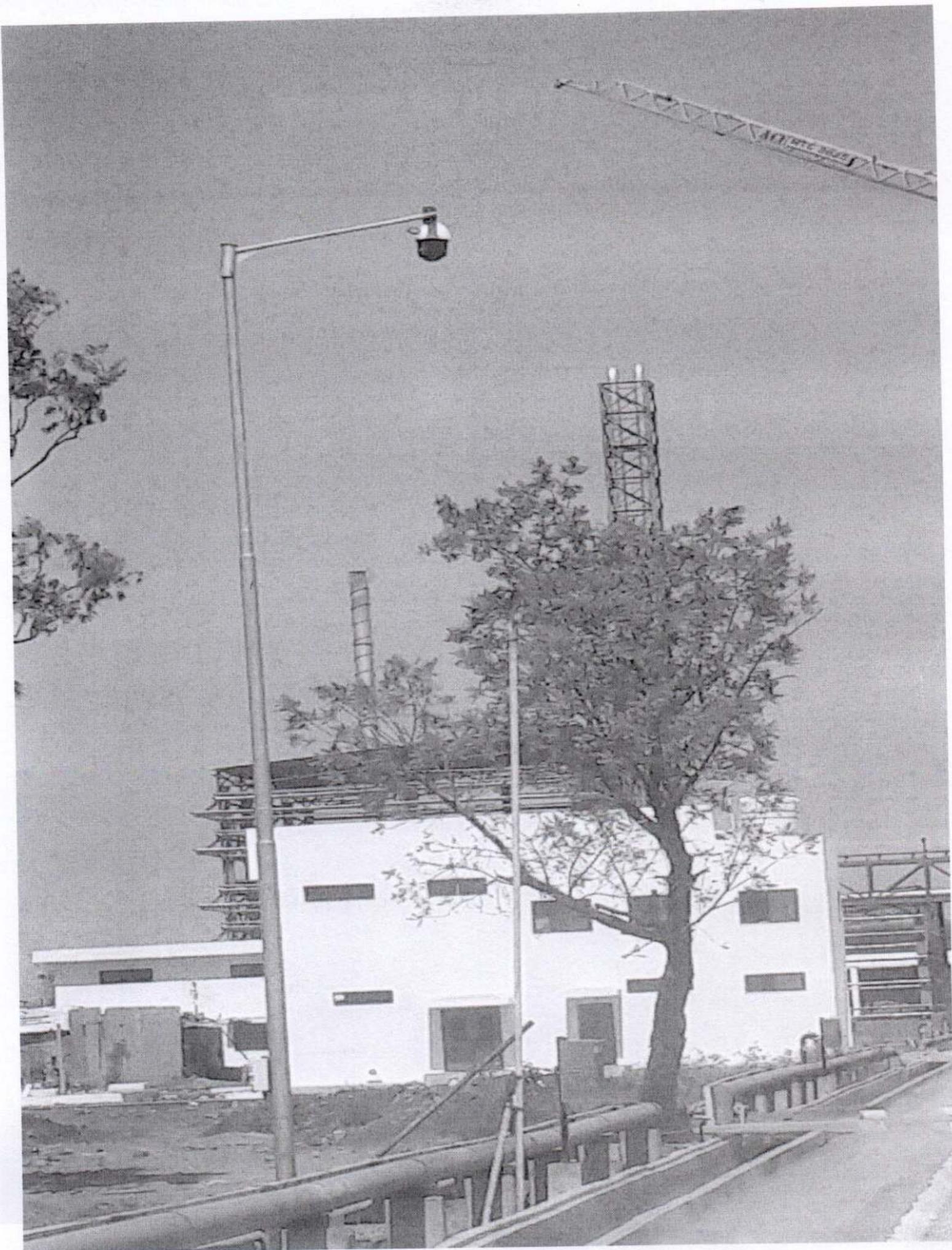
ANNEXURE No.- 13 Coal Storage and Boiler Shed



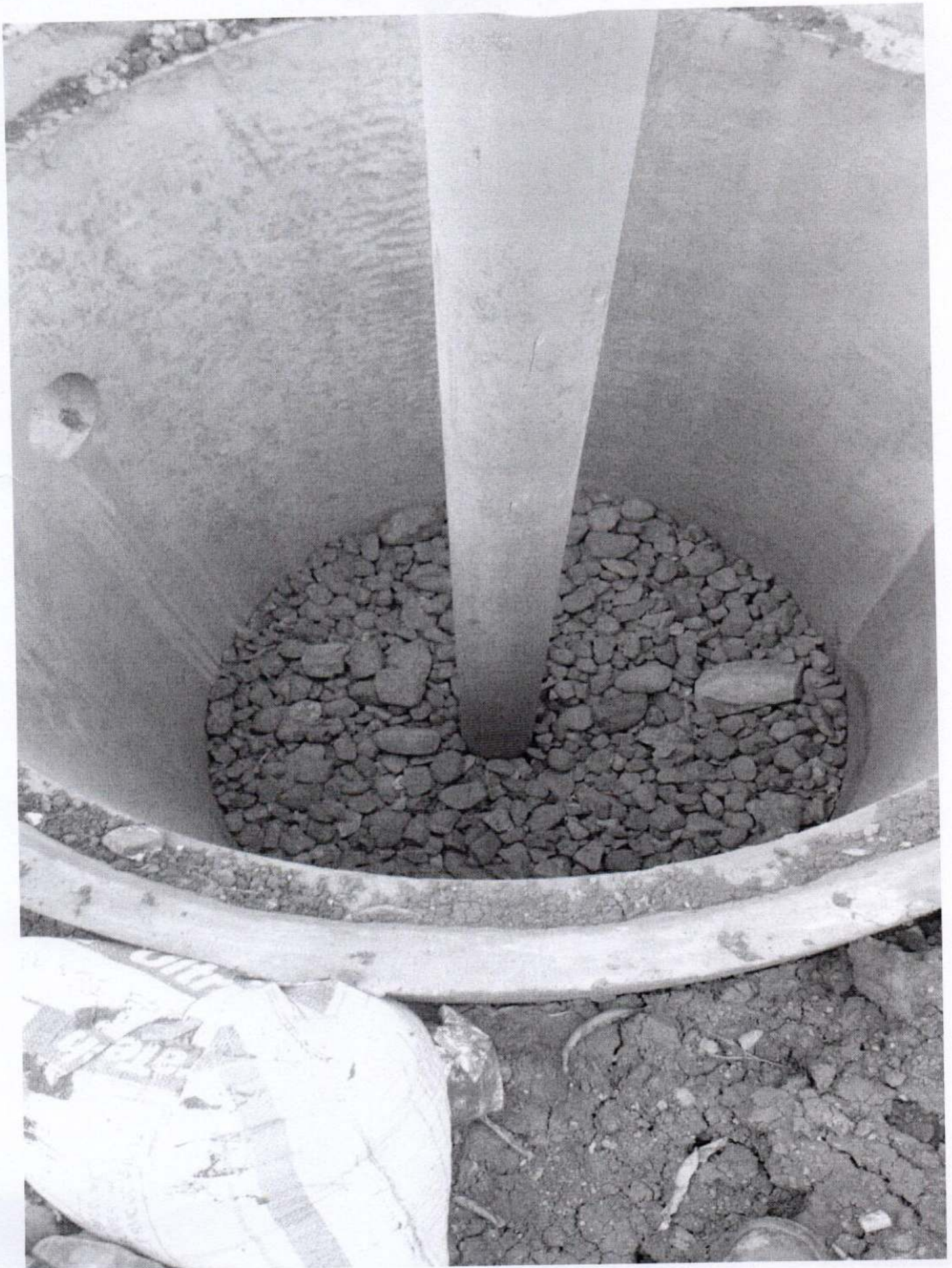
Annexure No.14 DG Set



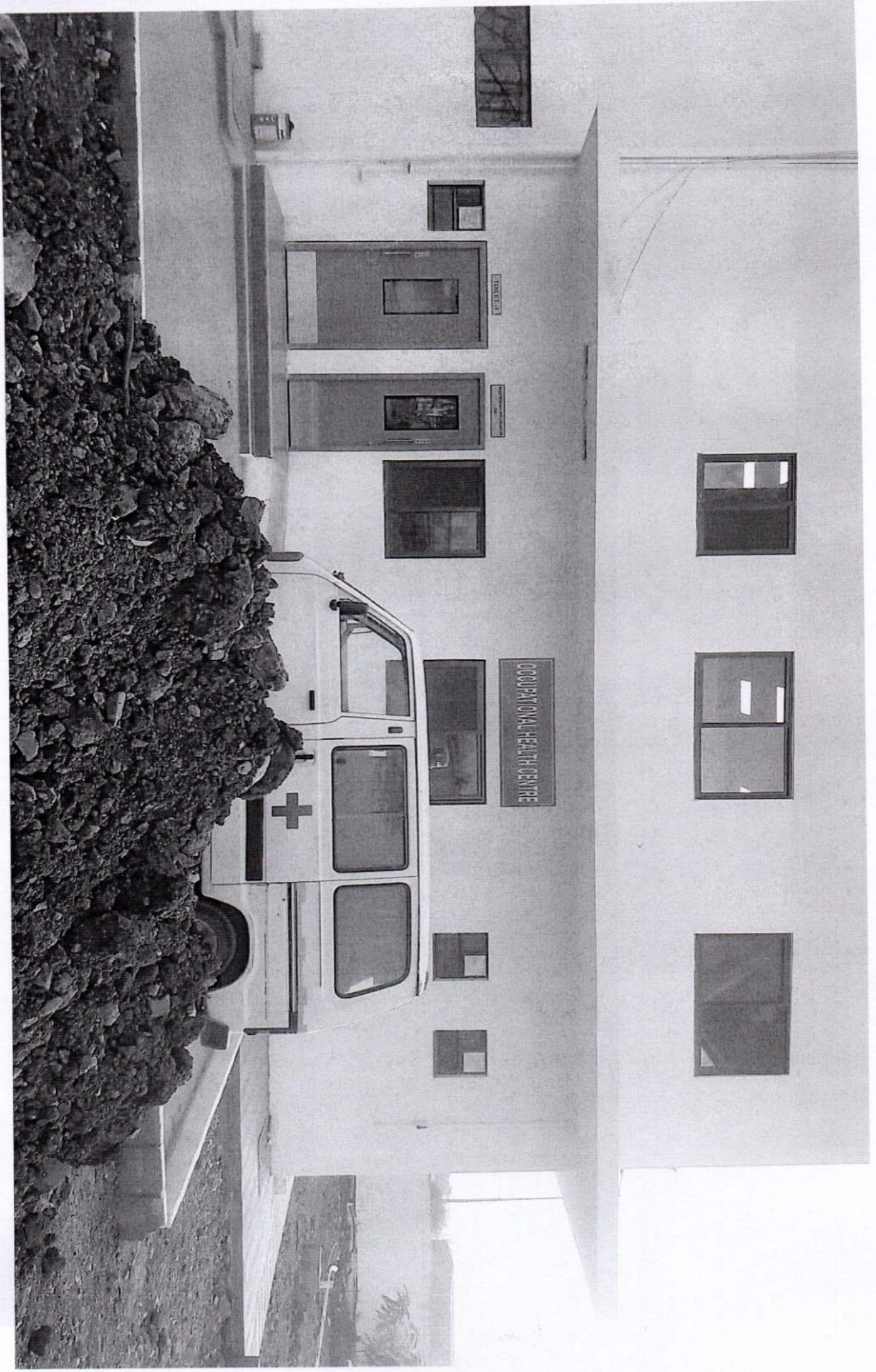
Annexure No. 15 PTZ Camera



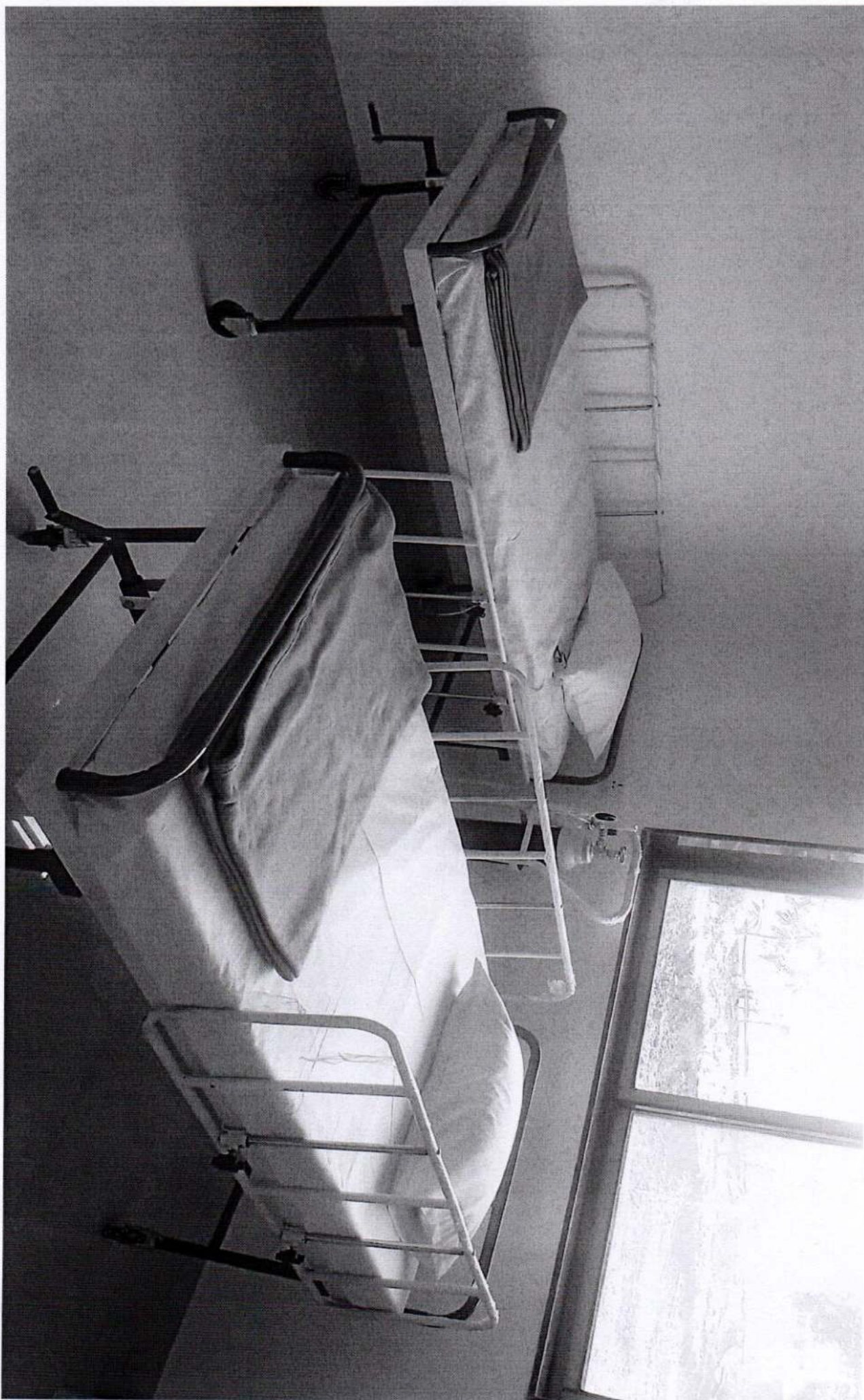
Annexure No. 16 Rain Water harvesting System



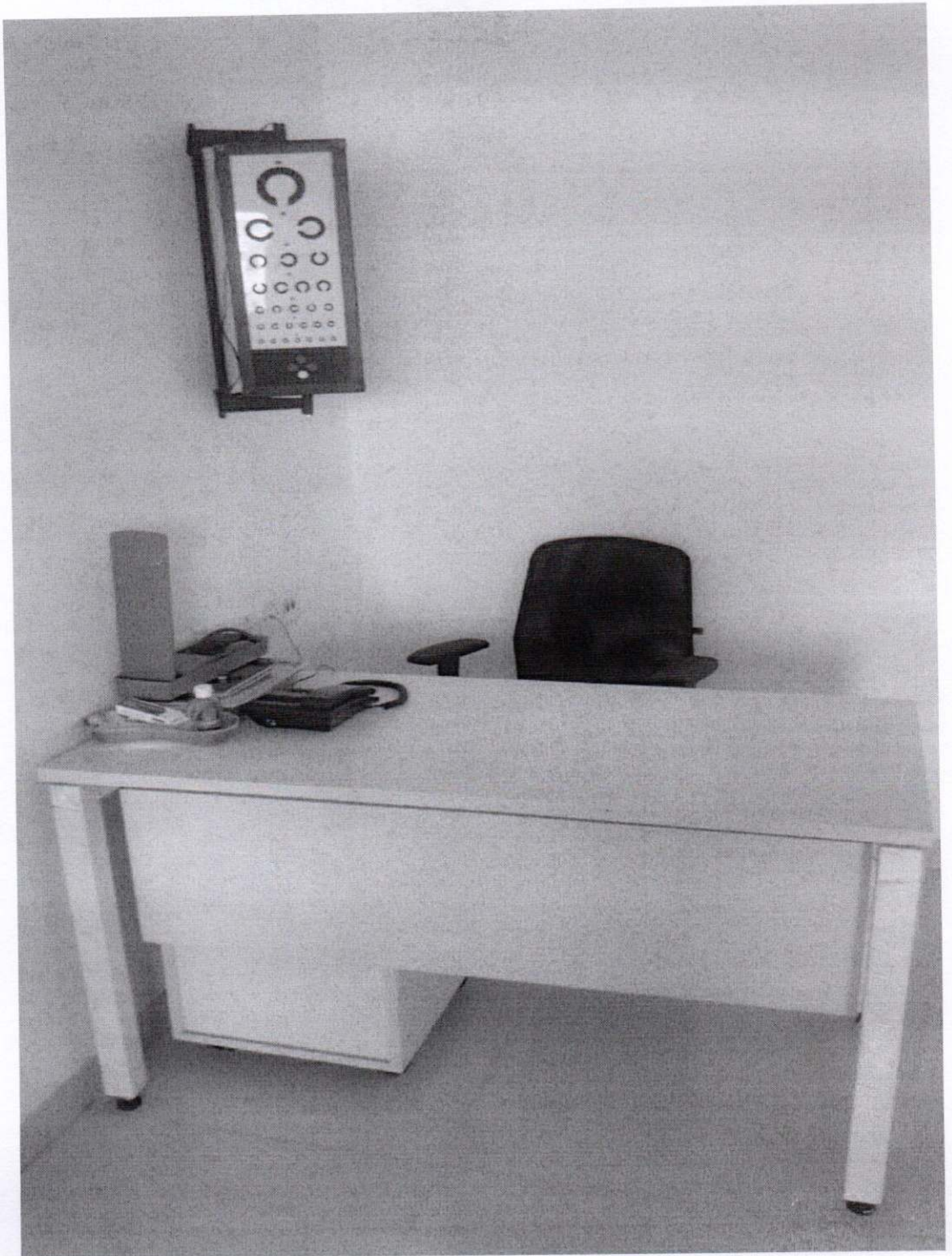
Annexure No.17 (A) Occupational Health Centre building



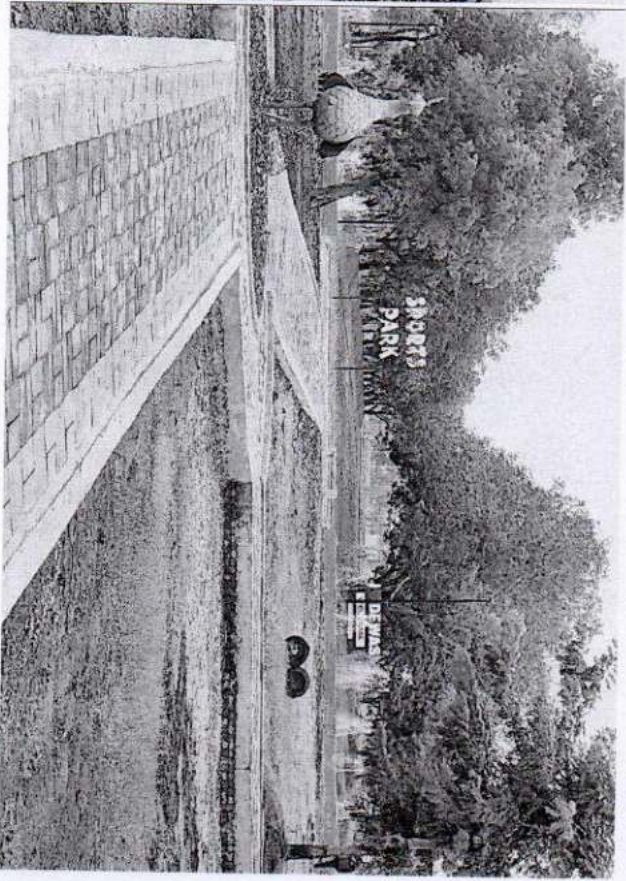
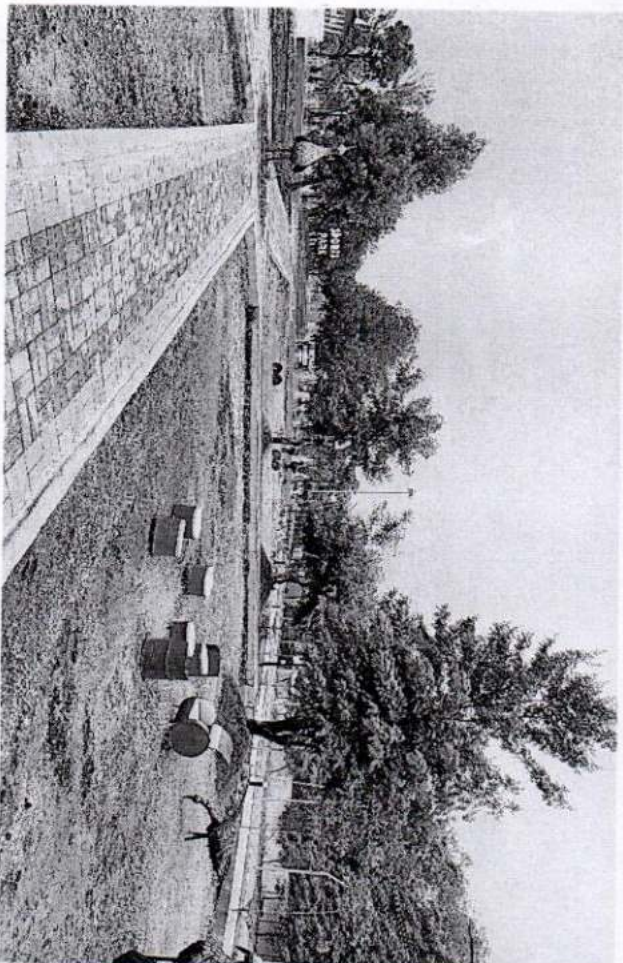
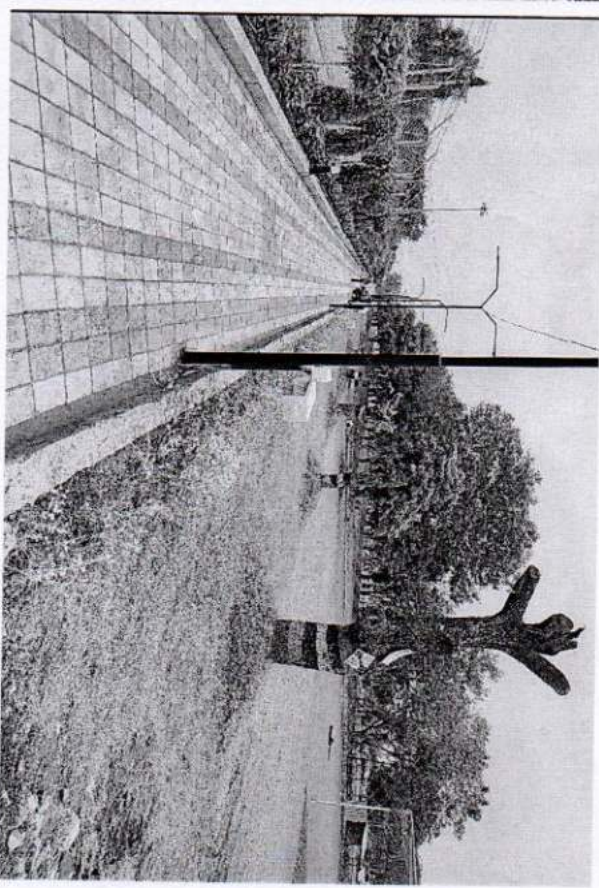
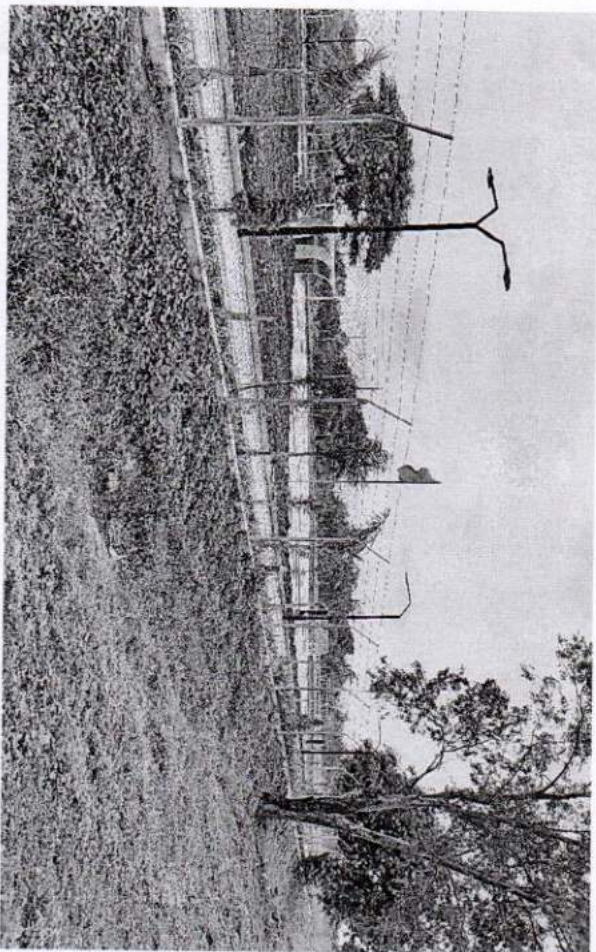
Annexure No. 17 (B) OHC beds



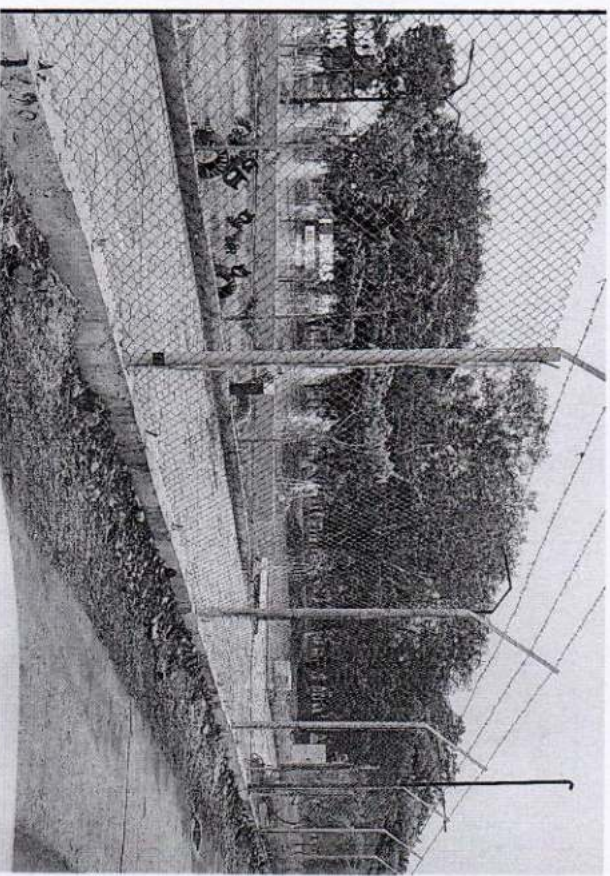
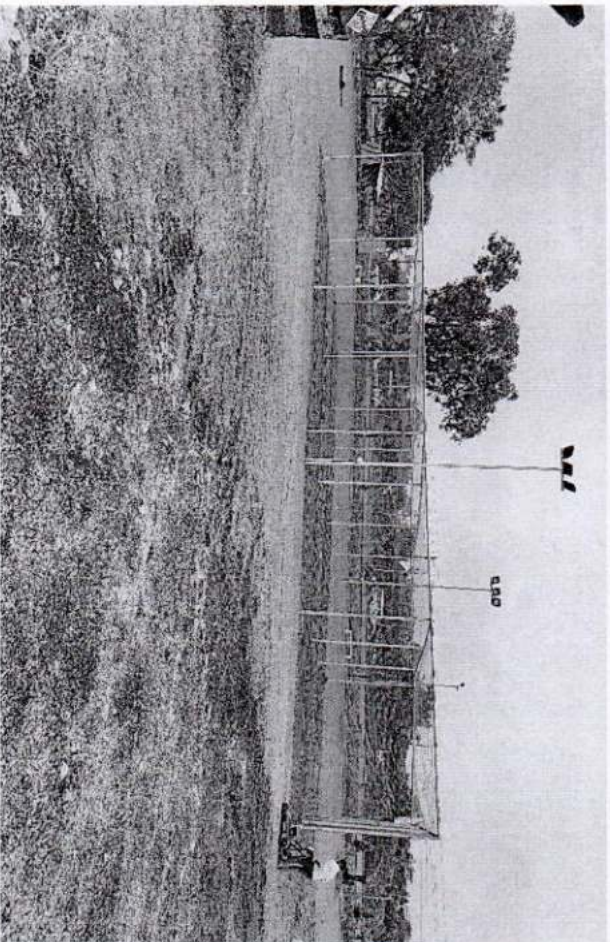
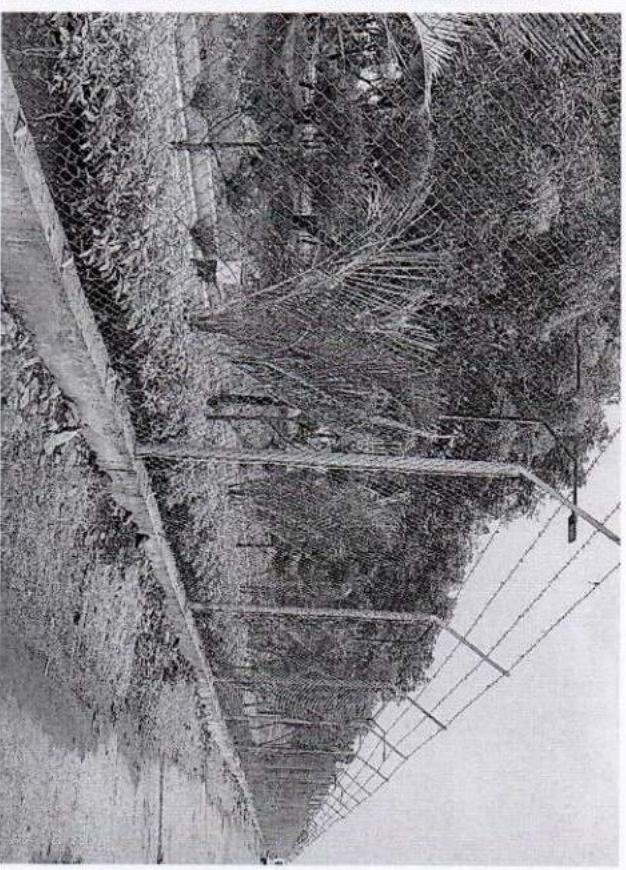
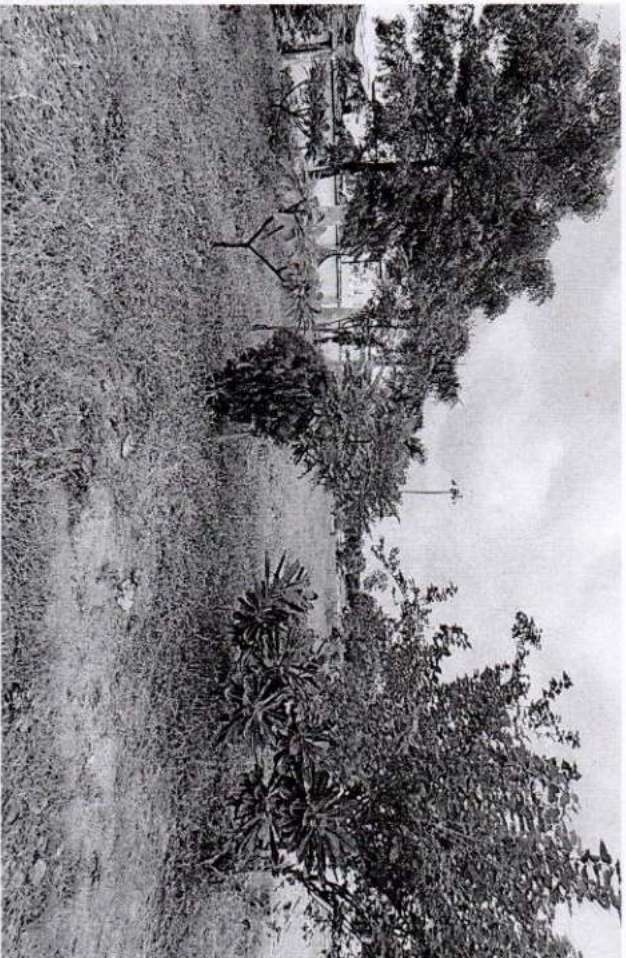
Annexure No.17 (C) OHC Dr. Desk



Annexure No-18 A Photographs of Sports Park



Annexure No-18 A Photographs of Sports Park



ANNEXURE NO. 18-B

Chandramauli Shukla

(IAS)

Collector & District Magistrate

District Dewas (MP) 455001



Office : 07272 - 252111

Residence : 07272 - 252222

Email : dmdewas@nic.in

DO Letter No. : 193/STENO/2021

Dewas, Dated : 09/08/2021

॥ प्रशंसा पत्र ॥


आदरणीय,

अत्यन्त हर्ष एवं मोरव का विषय है कि गाननीय मुख्यमंत्री, मध्यप्रदेश शासन के आह्वान पर कोविड-19 महामारी के खिलाफ निर्णायक लड़ाई लड़ते हुए देवास शहर एवं जिले में आपके द्वारा कोरोना वैश्विक महामारी के संकट काल के दौरान कोरोना पीड़ितों के लिये आपके प्रबंधन द्वारा अपने परिसर में अस्थाई कोविड केयर सेंटर, जिसके अन्तर्गत सर्वसुविधा युक्त भवन (80,000 वर्गफुट), ऑक्सीजन प्लांट क्षमता 550 लीटर प्रति मिनट ऑपरेटर सहित, उष्चारित पौने का पानी (शीतल एवं गर्म), विद्युत कनेक्शन, सुरक्षा प्रहरी, कम्प्यूटर (संगणक) एवं वातायुक्लित सुविधा सहित रगवाया गया।

कापरिट सामाजिक उत्तरदायित्व (CSR) के तहत आपके द्वारा समाज तथा देवास शहर एवं जिले को इस संकटमय महामारी से निपटने में अमूल्य योगदान दिया गया। यह अत्यन्त ही प्रशंसनीय एवं सहायीय कार्य है।

मानदता के प्रति किये गये इस उत्कृष्ट कार्य के लिये जिला प्रशासन की ओर से आपको एवं इफ्का प्रबंधन ली समस्त टीम को हृदय से धन्यवाद ज्ञापित करते हुए हार्दिक शुभकामनाये प्रेषित करते हैं तथा भविष्य में भी इस प्रकार के सहयोग की अपेक्षा करते हैं।

धन्यवाद।


(चन्द्रमौली शुक्ला)
कलेक्टर,
जिला देवास

प्रति,

श्रीमान प्रेमचन्द गोघा,
(वेयरमेन एवं मैनेजिंग डायरेक्टर),
ईफ्का लेबोरेटरीज लिमिटेड, (मुंबई)
औद्योगिक क्षेत्र कनांक-1, देवास (म.प्र.)

ANNEXURE NO. 18-B

Chandramauli Shukla

(IAS)

Collector & District Magistrate

District Dewas (MP) 455001



Office : 07272 - 252111

Residence : 07272 - 252222

Email : dmdewas@nic.in

DO Letter No. : 192/STEMD/2021

Dewas, Dated : 09/08/2021


विषय :- आपके द्वारा देवास औद्योगिक क्षेत्र में सामाजिक पर्यावरण उत्तरदायित्व निर्वहन किये जाने के संबंध में।

आपको जारी पर्यावरण सहमति पत्र क्र. EC No.1095/SE1AA/20, दिनांक 18/06/2020 के नियमानुसार तथा सामाजिक पर्यावरण गतिविधि (CER) के अंतर्गत इका प्रबंधन द्वारा शहर की आम जनता हेतु औद्योगिक खेल परिसर का निर्माण, ए.बी. रोड़, देवास पर किया गया है। जिसमें निम्नलिखित सुविधायें उपलब्ध कराई गई हैं :-

1. सुविधाजनक औद्योगिक खेल परिसर का निर्माण।
2. खेल परिसर की फेंसिंग।
3. पाथ-वे का निर्माण।
4. औद्योगिक खेल मैदान में वृक्षारोपण।
5. औद्योगिक खेल परिसर में भूमि का विकास।

उपरोक्त सुविधाओं के विकास कार्य हेतु इका लेबोरेट्रीज लिमिटेड, मुंबई द्वारा राशि रूपये 143.00 लाख खर्च किये गये। इस तरह के कार्य इका प्रबंधन द्वारा भविष्य में भी किये जायेंगे ऐसी अपेक्षा है।

धन्यवाद।


(चन्द्रमौली शुक्ला)
कलेक्टर,
जिला-देवास

प्रति,

श्रीमान् अजित कुमार जैन,
(ज्वाईंट मैनेजिंग डायरेक्टर),
इका लेबोरेट्रीज लिमिटेड,
मुम्बई (महाराष्ट्र)



State Environment Impact Assessment Authority, M.P.
(Ministry of Environment, Forest and Climate Change, Government of India)

Environmental Planning & Coordination Organization

Paryavaran Parisar, E-5, Arera Colony

Bhopal - 462016

visit us <http://www.mpseiaa.nic.in>

Email : mpseiaa@gmail.com

Tel.: 0755 - 2466970, 2466859

Fax : 0755 - 2462136

No: 4521 /SEIAA

Date: 27.10.20

AMENDMENT

To,
Shri Manoj Kumar Mittal, Vice President - EHS (Corporate)
M/s IPCA Laboratories Ltd.
Post Box No.33, Village-Sejavta
District-Ratlam (MP)- 457002

Sub:-Case No. 6537/2019 : Amendment in Environment Clearance for Proposed Project by M/s. Ipca Laboratories Limited at Plot No. 19-A, 19-B, 20-A, 20-B, 21-A, 21-B & 22 Industrial Area No. 1, Dist. Dewas, MP. Total plot area ~102911 sq.m. Proposed Capacity of intermediate, API, API- Oncology and R & D Products will be 5017.7 TPA. Non-EC products like Tablets and Injection will be 250 Lac per Annum by M/s Ipca Laboratories Ltd. through Vice President - EHS (Corporate) Manoj Kumar Mittal, C-89 to C-95 MIDC Area, MIDC Mahad, Dist. Raigad (Maharashtra) Mobile No.: 9300036263(M), E-mail: manojkumar.mittal@ipca.com

Ref: Online application SIA/MP/IND2/177397/2020 dtd.03.10.20 for amendment received in SEIAA office 05.10.20.

- (1) The Prior Environmental Clearance under EIA Notification, 2006 & its amendments has been issued (vide letter No. 1095/SEIAA/2020 dated 18.6.2020) for the proposed production capacity of intermediates, API, API-Oncology and R&D Products at Plot No. 19-A, 19-B, 20-A, 20-B, 21-A, 21-B & 22 Industrial Area No. 1, Dist. Dewas, MP. Total plot area ~102911 sq.m. Proposed Capacity of intermediate, API, API- Oncology and R & D Products - 5017.7 TPA. Non-EC products like Tablets and Injection - 250 Lac per Annum. Clinker grinding unit (2 x2 MTPA) of Wonder Cement Limited at Village-Kherwas, Teshil-Badnawar, District. Dhar.(M.P.).
- (2) The Proponent has applied Online application SIA/MP/IND2/177397/2020 dtd.03.10.20 for amendment received in SEIAA office 05.10.2020. PP has requested for Amendment in EC (Pt. No. (iii) & (vii) regarding inclusion of additional land acquired i.e. 16A, 16B, 17A, 17B, 18A, 18B, 20C & 21C adjacent to the project area i.e. Plot No. 19-A, 19-B, 20-A, 20-B, 21-A, 21-B & 22 Industrial Area No. 1, Dist. Dewas, MP.
- (3) Further PP submitted that additional land purchased for better arrangement and operational facility of overall EMS. PP assured that there shall be no change in product

Case No. 6537/2019

Issued vide letter no. dated

Case No.: To be quoted in registered cases for correspondence

as well environmental profile and No any production related activity increase due to this amendment. Amendment is required for addition of new land area for ETP and proper storage of hazardous chemicals Finished Goods, Raw Material etc. Summary of existing Land Area and proposed addition is summarized in below table.

Reference of approved EC	Earlier Environmental clearance issued	Proposed Amendment
Pt no. (iii) of EC letter	The proposed project is a Greenfield project for establishing plant having EC and Non-EC products at Plot no. 19-A, 19-B, 20-A, 20-B, 21-A, 21-B & 22, Industrial Area No. 1, Dist. Dewas, Madhya Pradesh.	The proposed project is a Greenfield project for establishing plant having EC and Non-EC products at Existing Plot no. 19-A, 19-B, 20-A, 20-B, 21-A, 21-B & 22 and Proposed Plot no. 16A, 16B, 17A, 17B, 18A, 18B, 20C & 21C, Industrial Area No. 1, Dist. Dewas, Madhya Pradesh.
Pt.no. (vii) of EC letter	The project occupies a plot area of 102911 sq.m of land PP has submitted copy of amended lease deed dtd. 17.05.2019 which is executed between District Trade & Industries Center, Dewas Ltd. and Ipca Laboratories Ltd. for the said project.	The project occupies a plot area of 102911 sq.m of land as per EC letter. Proposed addition of 56405 sq. m. and total area after amendment will be tune around 159316 sq. m. PP has submitted copy of lease deed of new plots.

The case was discussed in 643rd SEIAA meeting dtd 06.10.2020 and decided to issue an amendment in EC letter (letter No. 1095/SEIAA/2020 dated 18.6.2020) as follows:

Pt no. (iii) of EC letter

"The proposed project is a Greenfield project for establishing plant having EC and Non-EC products at Existing Plot no. 19-A, 19-B, 20-A, 20-B, 21-A, 21-B & 22 and Proposed Plot no. 16A, 16B, 17A, 17B, 18A, 18B, 20C & 21C, Industrial Area No. 1, Dist. Dewas, Madhya Pradesh".

Pt.no. (vii) of EC letter

"The project occupies a plot area of 102911 sq.m of land as per earlier EC letter. After amendment it will be tune around 159316 sq. m.

The amendment should be read along with the original EC issued to PP and all the conditions mentioned in the prior EC vide letter No. 1095/SEIAA/2020 dated 18.6.2020 shall remain the same.

Endt No. 4522 / SEIAA/ 2020
Copy to:-

Dated 27/10/2020

(Tanvi Sundriyal)
Member Secretary

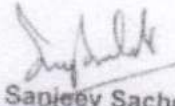
- (1). Principal Secretary, Urban Development & Environment Deptt. 3rd Floor, Mantralaya Vallabh Bhawan, Bhopal.
- (2). Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-462016.

Case No. 6537/2019

Issued vide letter no. dated

Case No.: To be quoted in registered cases for correspondence

- (3). Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016.
- (4). The Collector, District Dewas, M.P.
- (5). Managing Director, M.P. Audyogik Kendra Vikas Nigam (Indore) Limited, Free Press House First Floor, 3/54 Press Complex, Agra-Mumbai Highway Indore(M.P).
- (6). District Trade & Industries Center, Dewas Ltd.
- (7). Director, I.A. Division, Monitoring Cell, MoEF, GoI, Ministry of Environment & Forest Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110 003
- (8). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.
- (9). Guard file.


(Dr. Sanjeev Sachdev)
Officer-in-Charge

04

Case No. 6537/2019

Issued vide letter no. dated

Case No.: To be quoted in registered cases for correspondence

ANNEXURE - NO. - 20



To,
Director,
M/S- Welspun Enterprises Limited,
Dewas Waterprojects Works Pvt. Ltd.,
Dewas - (M.P) - 455001.

01 Nov 2021.

Subject : - REQUIREMENT OF WATER SUPPLY AT IPCA, DEWAS

Dear Mr. Vikas Tripathi ,

1. Reference is made, to our discussion on the subject as mentioned during your visit to the facility.
2. The enhanced requirement of water supply at our facility as of now would be 250 KL per day..
3. The requirement, would further increase upto 500 KL, next year end and as the project progresses.
4. You may arrange/initiate the process of pipeline and metering as required at your end for timely completion.
5. For information and requisite action.

For M/S - Ipca Industries pvt. Ltd.

Handwritten mark

Handwritten signature
Ipca, Dewas

Ipca Laboratories Ltd.
www.ipca.com

Plot 16 - 22, Industrial Area No.1, AB Road, Dewas 455 001 (Madhya Pradesh), India | T: +91 93032 78184
Regd. Office: 40, Kandivli Industrial Estate, Kandivli (West), Mumbai 400 067 (Maharashtra), India | T: +91 22 6647 4444
E: ipca@ipca.com CIN: L24239MH1949PLC007837

M.P. PASCHIM KSHETRA VIDYUT VITRAN CO. LTD.
(O&M) CIRCLE DEWAS

NO. SF/DO/OW/294 VHT/11/21

DEVIAS DATED 10.08.2021

REGISTERED Ad.

GST No. 23AAACH1229M121

M/s. IPGA Laboratories Ltd.,
19A B-20A-B/21A-B/22, Industrial Area,
No. 1, A.B. Road,
DEWAS.

Sub: Finalisation of HT Agreement

Dear Sir,

A photo copy of finalized HT Agreement dated 10.08.2021, for contract demand 700 KVA at 33 KV is sent enclosed. Please acknowledge receipt.

Thanking you,

Yours faithfully,

Yours faithfully,

EXECUTIVE ENGINEER (O&M)
D/O SE (O&M)
MPPKVV CO. LTD. DEWAS

Y TO :

The SE HT billing Cell, MT Building Corporate Office MPPKVV Co. Ltd. Indore

The Executive Engineer (MT) Dh. MPPKVV Co. Ltd. Ujjain

The Executive Engineer (City) MPPKVV Co. Ltd. Dewas

Enc. A photo copy of finalised HT Agreement is sent enclosed for Sr. No. 1 & 2 only

EXECUTIVE ENGINEER (O&M)
D/O SE (O&M)
MPPKVV CO. LTD. DEWAS

ANNEXURE NO.- 22



Office Of Commissioner/Fire Officer, DEWAS NAGAR NIGAM
UJJAIN Division, DEWAS
Madhya Pradesh

अग्नि शमन प्रकोष्ठ

Fire Cell

अनापत्ति प्रमाण पत्र

No Objection Certificate

जावक क्रमांक / Dispatch Number : 6100003322/FNOC/COL/2022/1727

आवेदन की तिथि / Application Date : Dec 2, 2021 जावक की तिथि / Dispatch Date : 10-Jan-22

आवेदक का नाम / Applicant Name : IPCA LABORATORIES LTD IPCA LABORATORIES LTD

आवेदक का पता / Applicant Address : PLOT NO. 19 B, 20 B, 21 B, 20 A, 19 A, 21 A 22, INDUSTRIAL AREA NO. 1, DEWAS, DISTT. DEWAS DEWAS 455001

अनापत्ति प्रमाण पत्र का प्रकार / Type of NOC : TEMPORARY

अधिभोग का प्रकार / Type of Occupancy : Industrial Building/ औद्योगिक भवन

ईमारत का ऊंचाई / Building Height : 22 (मीटर में / Meter)

भूमि / भवन का क्षेत्रफल / Plot / Building Area: 102911 (Sq.Mtr)

संपत्ति का पता / Property Address : PLOT NO. 19 B, 20 B, 21 B, 20 22, INDUSTRIAL AREA NO. 1, DEWAS NAGAR NIGAM

अग्नि प्राधिकारी द्वारा अनुमोदित / Approved by Fire Authority :

विषय/Subject- रजिस्ट्रेशन नंबर :- 6100003322 भवन हेतु अस्थायी फायर अनापत्ति प्रमाण पत्र प्रदाय करने के संबंध में।

टिप्पणि / Remarks-

विषयांतर्गत इप्का लेबोरेटरीज लिमिटेड, प्लॉट नं.-16ए, 16बी, 17ए, 17बी, 18ए, 18 बी, 19ए, 19 बी, 20ए, 20बी, 20सी, 21ए, 21बी, 21सी, एवं 22 इण्डस्ट्रीयल एरिया नं.-1, ए.बी.रोड देवास म.प्र. के 102911 वर्ग मीटर क्षेत्रफल में फैले 22 मीटर ऊंचे औद्योगिक भवन हेतु "अस्थायी फायर अनापत्ति प्रमाण-पत्र" चाहा गया है।

गठित समिति द्वारा प्राप्त आवेदन का परीक्षण किया गया प्रकरण का विवरण निम्नानुसार है। समिति द्वारा प्रस्तावित निम्न लिखित प्रावधान एवं शर्तों का पालन आवेदक को करना आवश्यक होगा।

1. इप्का लेबोरेटरीज लिमिटेड, प्लॉट नं.-16ए, 16बी, 17ए, 17बी, 18ए, 18 बी, 19ए, 19 बी, 20ए, 20बी, 20सी, 21ए, 21बी, 21सी, एवं 22 इण्डस्ट्रीयल एरिया नं.-1, ए.बी.रोड देवास म.प्र. के 102911 वर्ग मीटर क्षेत्रफल में फैले 22 मीटर ऊंचे औद्योगिक भवन हेतु आवेदन क्रमांक 6100002958 दिनांक 30.11.2021 द्वारा "प्रोविजनल फायर अनापत्ति प्रमाण पत्र" जारी किया गया है।



Office Of Commissioner/Fire Officer, DEWAS NAGAR NIGAM
UJJAIN Division , DEWAS
Madhya Pradesh

अग्नि शमन प्रकोष्ठ

Fire Cell

अनापत्ति प्रमाण पत्र

No Objection Certificate

जावक क्रमांक / Dispatch Number : 6100003322/FNOC/COL/2022/1727

आवेदन की तिथि / Application Date : Dec 2, 2021 जावक की तिथि / Dispatch Date : 10-Jan-22

आवेदक का नाम / Applicant Name : IPCA LABORATORIES LTD IPCA LABORATORIES LTD

2. आवेदक के औद्योगिक भवन का स्थल निरीक्षण नियमानुसार विभाग के योग्यताधारी/अहर्ताधारी अधिकारी श्री जितेन्द्र सिंह सिसोदिया, प्र. फायर अधिकारी, नगर पालिक निगम, देवास एवं फायर कन्सलटेन्ट की उपस्थिति में उपकरणों को संचालित कराकर तैयार किया गया है। मौका निरीक्षण में आवश्यक उपकरणों की स्थिति/मापदण्ड का स्पष्ट उल्लेख निरीक्षण प्रतिवेदन में किया गया है।
3. आवेदक को स्वीकृत अभिन्यास एवं भवन अनुज्ञा में निर्धारित शर्तों का पालन करना अनिवार्य होगा और स्वीकृति से भिन्न निर्माण/उपयोग हेतु आवेदक स्वयं उत्तरदायी होगा।
4. फायर वाहन के बाधा रहित आवागमन हेतु भवन के स्वीकृत मानचित्र अनुसार एम.ओ.एस. खुला रखना अनिवार्य होगा एवं भवन के चारों ओर एन्क्रोचमेंट न किया जावे ताकि अग्नि दुर्घटना के समय फायर वाहन आसानी से भवन के चारों ओर फायर फाइटिंग कर सके।



Office Of Commissioner/Fire Officer, DEWAS NAGAR NIGAM
UJJAIN Division, DEWAS
Madhya Pradesh

अग्नि शमन प्रकोष्ठ

Fire Cell

अनापत्ति प्रमाण पत्र

No Objection Certificate

जावक क्रमांक / Dispatch Number : 6100003322/FNOC/COL/2022/1727
आवेदन की तिथि / Application Date : Dec 2, 2021 जावक की तिथि / Dispatch Date : 10-Jan-22
आवेदक का नाम / Applicant Name : IPCA LABORATORIES LTD IPCA LABORATORIES LTD

5. भवन में स्थापित समस्त फायर उपकरणों को हमेशा आपरेशनल स्थिति में रखा जावे, साथ ही समय-समय पर माक-ड्रिल कराया जावे।

6. आवेदक को नियमानुसार स्थापित अग्नि शमन उपकरणों का निर्धारित आई.एस. मानकों के अनुसार प्रावधानित समय सीमा में संधारण करना एवं संधारण हेतु आवश्यक अहताधारी कर्मचारी रखना अनिवार्य होगा।

7. इप्का लेबोरेटरीज लिमिटेड, प्लॉट नं.-16ए, 16बी, 17ए, 17बी, 18ए, 18 बी, 19ए, 19 बी, 20ए, 20बी, 20सी, 21ए, 21बी, 21सी, एवं 22 इण्डस्ट्रीयल एरिया नं.-1, ए.बी.रोड देवास म.प्र. के 102911 वर्ग मीटर क्षेत्रफल में फैले 22 मीटर ऊँचे औद्योगिक भवन को निरीक्षण रिपोर्ट में उल्लेखित प्रावधानों के साथ-साथ फायर सेफ्टी हेतु नेशनल बिल्डिंग कोड भाग-04 में निर्धारित अन्य आवश्यक प्रावधानों एवं निर्धारित आई.एस. मानकों का पालन करना अनिवार्य होगा। स्थल निरीक्षण में इन प्रावधानों का पालन ना पाये जाने पर "अग्नि प्राधिकारी" को एनओसी निरस्त करने का पूर्ण अधिकार होगा।

8. भवन में गूड-हाऊसिंग का ध्यान रखा जावे।

9. आवेदक/स्वामी को समस्त अन्य सक्षम प्राधिकारियों से प्रकरण में प्राप्त अनुज्ञा/एन.ओ.सी. का पालन करना बंधनकारी होगा, अन्यथा की स्थिति में स्वयं उत्तरदायी होंगे।

10. आवेदक/स्वामी को प्रदाय की जा रही एन.ओ.सी. जारी आदेश दिनांक से "तीन वर्ष" की अवधि, के लिये प्रभावशील रहेगी, और यह अवधि समाप्त होने के "एक माह पूर्व" नवीनीकरण हेतु पुनः आवेदन प्रस्तुत करना अनिवार्य होगा। तथा प्रत्येक वर्ष एक माह पूर्व यह वचन पत्र प्रस्तुत करना होगा कि सभी उपकरण सुचारु रूप से कार्य कर रहे हैं।



Office Of Commissioner/Fire Officer, DEWAS NAGAR NIGAM
UJJAIN Division , DEWAS
Madhya Pradesh

अग्नि शमन प्रकोष्ठ

Fire Cell

अनापत्ति प्रमाण पत्र

No Objection Certificate

जावक क्रमांक / Dispatch Number : 6100003322/FNOC/COL/2022/1727

आवेदन की तिथि / Application Date : Dec 2, 2021 जावक की तिथि / Dispatch Date : 10-Jan-22

आवेदक का नाम / Applicant Name : IPCA LABORATORIES LTD IPCA LABORATORIES LTD

अतः गठित समिति की अनुशंसा अनुसार उपरोक्त शर्तों एवं प्रावधानों के तहत "अस्थायी फायर अनापत्ति प्रमाण-पत्र" जारी किया जाता है।

(अग्नि प्राधिकारी द्वारा स्वीकृत)

**Vishal
Singh
Chouhan**

Digitally signed by Vishal Singh Chouhan
DN: cn=IN, o=Personal, title=7042,
pseudonym=aa5145fb6b28f278403ada34eaa
05e719085502a,
2.5.4.20=26a32ab4e76d724f2aaaaec745914
81620594f902d9da7164eb9bc15c5f06cc,
postalCode=454001, st=Madhya Pradesh,
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Commissioner/Fire Officer, DEWAS NAGAR NIGAM

UJJAIN Division , DEWAS
Madhya Pradesh

ANNEXURE NO. -23

HAZOP STUDY

IPCA LABORATORIES LTD

DEWAS

HAZOP STUDY OF INTERMEDIATE LASAMIDE

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1. SCOPE OF THE STUDY

The purpose of this report is to present the results of HAZOP study sessions conducted for product Lasamide by the HAZOP team. The purpose of the study was to identify and evaluate hazard and

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operability problems associated with the processes and operations during manufacturing Lasamide and determine further actions required.

Specifically, the main objectives of this HAZOP study were to:

- Identification and qualitative evaluation of EHS hazards and operability problems associated with the Lasamide manufacturing operations.
- Make recommendations to control the hazards and improve operability problems considering the existing control measures.
- Submit a report detailing HAZOP study results and recommendations.

The study scope mainly includes the deputation of HAZOP leader and secretary at the site:

- To ensure effective and productive use of HAZOP methodology
- To streamline the HAZOP procedures
- To lead the HAZOP team
- To monitor the HAZOP study
- To prepare and review the HAZOP report

This report is limited to the operations and/or process specifically identified in the report and is based on the information, drawings, safety data and documents provided by the production and referred by the HAZOP team during the study phase of the project. Additional or different precautions may be required in areas outside the scope of this study, in response to changing conditions and conditions that could have not been reasonably foreseen, or if different materials having different hazard characteristics are handled or processed.

2. BREIF MANUFACTURING PROCESS

Principle:

2,4-DCBA reacts with CSA gives chloro compound, chloro compound reacts with ammonia solution and precipitant with H₂SO₄ -water mixture, that produce lasamide crude. Lasamide crude precipitation with H₂SO₄ gives Lasamide intermediate.

Process:

- 1) Charge Chlorosulphonic acid
- 2) Slowly charge 2,4 Dichloro Benzoic Acid
- 3) Apply steam to the reactor I/GLR-05 and heat the reaction mass 140±2°C.
- 4) Transfer the chloromass from reactor to receiver by transferring pump.
- 5) Meanwhile charge D.M Water in reactor . Apply brine and chill below 5°C . Apply brine to and chill below 5°C.
- 6) Quench the Chloromass slowly from receiver at ambient temperature.
- 7) Transfer the product mass to CNF. Apply air pressure to remove the maximum M.L.
- 8) Wash the filtered cake with D.M Water.
- 9) Release air pressure and open manhole of CNF. Unload the wet cake in HDPE dedicated container with single poly bag.

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3. BRIEF SUMMARY OF RECOMMENDATIONS DURING THE HAZOP STUDY OF PRODUCT LASAMIDE

- Periodically survey of trolley, palettes, lift, CSA transfer system etc.
- Chain support to be provided to the trolley.
- Ensure proper rigid support to CSA transferring pipe lines
- Use flange guards in transfer line for CSA .
- Spill kit (Carbon ash) /sand buckets to be provided in the plant.
- To be provide flange guards for chloromass transfer lines.
- Periodically clean air pressure suit.
- Ensure operating persons wearing full body pressure suit, hand gloves, safety shoes.

4. PARAMETERS AND GUIDEWORDS

PARAMETER	GUIDE WORDS
FLOW	More
	Less / None
	Reverse

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PRESSURE/VACUUM	High
	Low
TEMPERATURE	High
	Low
LEVEL	High
	Low
COMPOSITION	Part Of (Something Missing)
	As Well As (Something Extra)
	Other Than (Something Different)
OTHERS	Sampling
	Loss of utilities (power, steam, air, nitrogen, water)
	Missing
	Breaking of vacuum
	Emergency response
	Spillage

5. HAZOP STUDY TEAM

All the members participated in the HAZOP study of Lasamide. Their relevant discipline, job title, their role and department is described in Table given below

Details of HAZOP study team members

Name	Qualification	Job Title	Role / Represents
Mr.Pankaj Sharma	M.SC	Production	Leader
Mr.Gaurav Shukla	M.SC	Process Chemistry Excellence	Team Member
Mr.Sanket Gujrathi	B.E in Mechanical Engineering	Engineering	Team Member
Mr.Ankit Joshi	B.E in Chemical Engineering	PSM	Team Member
Mr.Rahul Agriwal	B.E in Fire Safety	EHS	Team Member

Note: All members were present throughout the HAZOP study.

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RISK ASSESSMENT RANKING (RISK MATRIX)

This HAZOP study includes the risk rating, which will combine the severity and likelihood of an event into a risk category. A risk rating matrix (as shown below at figure) in which the likelihood and severity of an event are subdivided into discrete regions and the combination of each likelihood/severity pair is assigned a risk rating category will be used for the study. In a simple case the likelihood and severity could be divided into five categories numbered from 1 to 5 and the risk category could be designated as follows which varies from 1 (Intolerable risk) to 10 (very low risk).

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6. RISK RATING MATRIX:

	SEVERITY					
		1	2	3	4	5
LIKELIHOOD	1	1	2	3	4	5
	2	2	4	6	7	8
	3	3	6	7	8	9
	4	4	7	8	9	10
	5	5	8	9	10	10



INTOLERABLE



INCORPORATE RISK REDUCTION MEASURE



MANAGE FOR CONTINUOUS IMPROVEMENT

Relative Severity of Various Hazardous Categories:

Severity	Explanation	Rating
Serious	Imminent danger. The hazard is capable of causing major accident scenario such as fire, explosion, toxic release etc. leading to multiple deaths, widespread illness and loss of facility.	5
High	The hazard can result in serious property and equipment damage, operational disruption, multiple severe injuries or serious illness.	4

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Medium	The hazard can cause property and equipment damage, operational disruption, severe injuries or serious illness but they would not be serious in nature.	3
Low	The hazard can cause minor operational disruption and first aid injuries or illness.	2
Very Low	Operational disruption & discomfort at nuisance level.	1

Quantitative Probability Estimate:

Likelihood	Explanation	Rating
High	Imminent. Likely to occur immediately	5
Moderate	Likely to occur within a short period of time	4
Medium	Reasonably probable. Probably the event will occur in time.	3
Low	Remote. May occur in time.	2
Very Low	Extremely remote. Unlikely to occur.	1

7. HAZOP STUDY NODES OF LASAMIDE:-

Node No.	Node Description
01	Transferring polythene bags of 2,4 DCBA & Pumping CSA from RM store to Production area.
02	Transferring CSA from intermediate tank and 2,4 DCBA to GLR
03	Scrubber operation
04	Transfer the Chloromass from reactor to receiver by transferring pump.
05	Charging of 4000 L D.M Water in reactor

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06	Quench the Chloromass C/MSCMH-01 to C/GLR-01/C/GLR-03/C/GLR-08
07	Transfer the product mass to closed Nutch filter and Apply air pressure
	Release air pressure and open manhole of CNF. Unload the wet cake in HDPE dedicated container with single poly bag.

8. REFERENCE DOCUMENTS

The following drawings and documents were referred during HAZOP study of Lasamide:-

1. Process & Instrumentation or line Diagrams: Diagram Sheet attached.
2. Process Flow Diagram: Diagram Sheets attached.
3. Batch Production and Control Record for Lasamide.
4. MSDS for all raw material & final product

MPCR No.	Title
	LASYL CHLORIDE
	LASAMIDE (CRUDE)
	LASAMIDE (PURE)

9. HAZOP WORKSHEETS OF LASMIDE

ANNEXURE NO. -23

Transferring polythene bags of 2,4 DCBA & pumping CSA from RM store to Production area. (RM Transfer)									
Drawing No.		Lasamide PFD, Stg-1		Revision No.- NIL		Node-01		Date	
HAZOP Team		Mr.Pankaj Sharma,Mr.Gaurav Shukla,Mr.Sanket Gujrathi,Mr.Ankit Joshi,Mr.Rahul Agriwal							
Part Considered		Transferring polythene bags of 2,4 DCBA from RM store to Production area.							
Design intent		PRES.	TEMP	FLOW	VACU.	Equipment used:-	GLR-05,MSRC		
To transfer all raw materials from RM Store to Production floor.		Amb	Amb		----	Material : 2,4 DCBA & CSA			
						Source : RM Store			
Deviation		Guide Words	Possible causes	Possible consequences	Measures/Existing facilities safeguard	S	L	R	Action Required
Other-Spillage, splash	Other than	Damage of polythene bags.	Health hazard Environment pollution	Operators provided safety shoes, hand gloves, goggles & cartridge masks Sand buckets provided Regularly training on handling of hazardous chemicals	3	2	6	Use of Second container like pallets with with spill hold up provision	
Other-spillage of material on floor	Other than	CSA line damages or leakages due to damage of gasket or line degradation. Over flow of CSA from intermediate	Floor nuisance Emission of CSA Vapour due to moisture in air or water in contact with CSA. Injury due to CSA in contact	Persons trained for CSA transfer & handling of hazardous chemicals. Provided all necessary PPE's. Flange guards need to provide to flanges in	3	2	6	Use PVC suit while removing CSA trap material. Need to implement Automation for level control in intermediate	

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		tank.	to person in vicinity	CSA line.				tank.
		Leakages from transfer pump.	Health hazard Environment pollution	Operation in presence of supervisor. Carbon ash for spill kit.				automation for transfer in intermediate tank.

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Transferring CSA from intermediate tank and 2,4 DCBA to GLR						
Study Title	Transferring CSA from intermediate tank and 2,4 DCBA to GLR					
Drawing No.	Lasamide PFD, Stg-1		Revision No.- NIL		Node-02	Date 05.01.2022
HAZOP Team	Mr.Pankaj Sharma,Mr.Gaurav Shukla,Mr.Sanket Gujrathi,Mr.Ankit Joshi,Mr.Rahul Agriwal					
Part Considered	Transferring CSA, 2,4 DCBA (RM Charging)					
Design intent	PRES.	TEMP	FLOW	VACU.	Equipment used:-	GLR-12
To transferring CSA & 2,4 DCBA to GLR .	Amb	Amb		----	Material : Source :	CSA, 2,4 DCBA RM storage , CSA storage tank
Deviation	Guide Words	Possible causes		Possible consequences	Measures/Existing facilities safeguard	S L R Action Required
spillage of CSA	Other than	CSA line damages or leakages due to damage of gasket or line degradation, in case of shut off valve on transfer line. Leakages from transfer pump.		Health hazard Environment pollution	Persons trained for CSA transfer & handling of hazardous chemicals. Provided all necessary PPE's. Flange guards need to provide to flanges in CSA line. Operation in presence of supervisor. Carbon ash for spill kit. Ensure all valves before start of CSA	3 2 6 Require physical supervision and operation as per checklist. Require interlock to CSA transfer pump, by installing ON/Off valve.

Table: 4.2 HAZOP STUDY WORKSHEET

Table: 4.2 HAZOP STUDY WORKSHEET

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To transferring CSA & 2,4 DCBA to GLR .	Amb	Amb	----	Source : RM storage , CSA storage tank
---	-----	-----	------	--

Deviation	Guide Words	Possible causes	Possible consequences	Measures/Existing facilities safeguard	S	L	R	Action Required
No flow of Scrubbing media	No/Not	Scrubbing media (Water) pump is off and no flow of water.	Health hazard Environment pollution Chloromass vapours will pollute the environment and cause the inhalation problem near scrubber system.	Proper supervision of operation of scrubber. Ensure the flow of scrubbing media. Ensure scrubbing media Pump in operation.	2	2	4	Require physical supervision and operation as per checklist.

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Study Title		Transfer the Chloromass from reactor to receiver by transferring pump.						
Drawing No.		Lasamide PFD, Stg-1		Revision No.- NIL		Node-04	Date	05.01.2022
HAZOP Team		Mr.Pankaj Sharma,Mr.Gaurav Shukla,Mr.Sanket Gujrathi,Mr.Ankit Joshi,Mr.Rahul Agriwal						
Part Considered		Transfer the Chloromass to receiver						
Design intent		PRES.	TEMP	FLOW	VACU.	Equipment MSRC used:-		
To transfer the Chloromass from reactor to receiver.		Amb	Amb			Material : Chloromass		
						Source : RM storage , CSA storage tank		
Deviation		Guide Words	Possible causes		Possible consequences	Measures/Existing facilities safeguard		Action Required
spillage of Chloromass		Other than	Chloromass line damages or leakages due to damage of gasket or line degradation, in case of shut off valve on transfer line. Leakages from transfer pump. Over flow of chloromass from receiver.		Health hazard Skin injury in case of contact with skin. Environment pollution	Persons trained for chloromass transfer & handling of hazardous chemicals. Provided all necessary PPE's. Flange guards need to provide to flanges in chloromass transfer line. Operation in presence of supervisor. Carbon ash for spill kit. Ensure all valves before start of pump.		2 2 4 Require physical supervision and operation as per checklist..

ANNEXURE NO. -23

Study Title		Charging of 4000 L D.M Water in reactor			
Drawing No.		Lasamide PFD, Stg-1	Revision No.- NIL	Node-05	Date
HAZOP Team		Mr.Pankaj Sharma,Mr.Gaurav Shukla,Mr.Sanket Gujrathi,Mr.Ankit Joshi,Mr.Rahul Agriwal			
Part Considered		Charging of 4000 L D.M Water in reactor			
Design intent		PRES.	TEMP	FLOW	VACU.
TO Charge 4000 L D.M Water in reactor		Amb	Amb		-----
Deviation	Guide Words	Possible causes		Possible consequences	Measures/Existing facilities safeguard
Spillage of DM water on floor	Other than	DM water line leaking due to pump in shut off condition. DM water pump leaking.		Trip Hazard	Persons trained for DM water transfer pump operation. Operation in presence of supervisor. Ensure all valves before start of pump.
				S	L
				2	1
				R	2
				Action Required	
				Require physical supervision.	

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Study Title		Quench the Chloromass									
Drawing No.		Lasamide PFD, Stg-1		Revision No.- NIL		Node-06		Date		05.01.2022	
HAZOP Team		Mr.Pankaj Sharma,Mr.Gaurav Shukla,Mr.Sanket Gujrathi,Mr.Ankit Joshi,Mr.Rahul Agriwal									
Part Considered		Quench the Chloromass									
Design intent		PRES.		TEMP		FLOW		VACU.		Equipment GLR-12,MSRLCNF used:-	
Quench the Chloromass		Amb		Amb				----		Material : Chloromass	
										Source : Chloromass receiver	
Deviation		Guide Words		Possible causes		Possible consequences		Measures/Existing facilities safeguard		S L R Action Required	

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spillage of Chloromass	Other than	Chloromass line damages or leakages due to damage of gasket or line degradation, .	Health hazard Skin injury in case of contact with skin. Environment pollution	Persons trained for chloromass transfer & handling of hazardous chemicals. Provided all necessary PPE's. Flange guards need to provide to flanges in chloromass transfer line. Operation in presence of supervisor. Carbon ash for spill kit. Ensure all valves before start of pump.	2	2	4	Require physical supervision with checklist.
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Transfer the product mass to Nutch filter and Apply air pressure											
Study Title	Lasamide PFD, Stg-1			Revision No.- NIL		Node-07		Date			
Drawing No.	05.01.2022										
HAZOP Team	Mr.Pankaj Sharma,Mr.Gaurav Shukla,Mr.Sanket Gujrathi,Mr.Ankit Joshi,Mr.Rahul Agriwal										
Part Considered	Transfer the product mass to Nutch filter										
Design intent	PRES.		TEMP	FLOW	VACU.	Equipment MSRLCNF used:-					
TO filter the ML and recover product cake.	Amb		Amb	-----		Material : Chloromass					
			40°C			Source : C/GLR-01/C/GLR-03/C/GLR-08					
Deviation	Guide Words	Possible causes		Possible consequences		Measures/Existing facilities safeguard		S	L	R	Action Required
Exceeded air pressure in filtration	More	Pressure gauge malfunctioning. No supervision.		Health Hazard Environment Hazard, Busting of outlet piping. Damage of CNF Human Injury		Persons trained CNF operation. Operation in presence of supervisor. Ensure bottom valve of CNF is in open condition. Preventive maintenance of CNF. Preventive testing of instruments like pressure gauge, PRV etc.		2	2	4	Require physical supervision with checklist of operation activity Engineering control.
Exceeded air pressure in cake washing	More	Pressure gauge malfunctioning.		Health Hazard Environment Hazard, Busting of outlet piping. Damage of CNF		Persons trained CNF operation. Operation in presence of supervisor.		2	2	4	Require physical supervision with checklist of operation

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		No supervision.	Human Injury	Ensure bottom valve of CNF is in open condition. Preventive maintenance of CNF. Preventive testing of instruments like pressure gauge, PRV etc.			activity Engineering control.
spillage of Chloromass	Other than	Chloromass line damages or leakages due to damage of gasket or line degradation, in case of shut off valve on transfer line. Leakages from transfer pump.	Health hazard Skin injury in case of contact with skin. Environment pollution	Persons trained for chloromass transfer & handling of hazardous chemicals. Provided all necessary PPE's. Flange guards need to provide to flanges in chloromass transfer line. Operation in presence of supervisor. Carbon ash for spill kit. Ensure all valves before start of pump.	2	2	4 Require physical supervision and operation as per checklist..
Study Title	Release air pressure and open manhole of CNF. Unload the wet cake in HDPE dedicated container with single poly bag.						
Drawing No.	Lasamide PFD, Stg-1	Revision No.- NIL	Node-08	Date	05.01.2022		
HAZOP Team	Mr.Pankaj Sharma,Mr.Gaurav Shukla,Mr.Sanket Gujrathi,Mr.Ankit Joshi,Mr.Rahul Agriwal						
Part Considered	Cake unloading	Equipment used:-	C/MSRLCNF-07/C/MSRLCNF-05				

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Design intent	PRES.	TEMP	FLOW	VACU.	Material :	Wet Chloromass cake
TO unload the cake	Amb	Amb			Source :	C/MSRLCNF-07/C/MSRLCNF-05

Deviation	Guide Words	Possible causes	Possible consequences	Measures/Existing facilities safeguard	S	L	R	Action Required
Sudden drop in air pressure	Other than	Air valve malfunctioning. Human error.	Damage of filter cloth support due to Contraction of equipment or sudden jerk.	Persons trained CNF operation. Operation in presence of supervisor. Preventive maintenance of CNF. Preventive testing of valve pressure gauge etc.	2	2	4	Require physical supervision with checklist of operation activity Engineering control.
Spillage of cake slurry	less	No proper filtration due low air pressure Pressure gauge malfunctioning. No supervision.	Health Hazard Environment Hazard,	Persons trained CNF operation. Operation in presence of supervisor. Preventive maintenance of CNF.	2	4	4	Require physical supervision with checklist of operation activity Engineering control.
Splash of Cake material	Other than	Wrong operation of product removal. Human Error. Tripping in case of floor is wet.	Health hazard Environmental hazard	Persons trained CNF operation. Operation in presence of supervisor. Provided PPEs as per PPE matrix	2	3	6	Require physical supervision with checklist of operation activity.

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Study Title		Charging Liq. Ammonia in reactor from receiver. Slowly charge wet LasyI Chloride reactor							
Drawing No.		Lasamide PFD, Stg-2		Revision No.- NIL		Node-09		Date	
HAZOP Team		Mr.Pankaj Sharma,Mr.Gaurav Shukla,Mr.Sanket Gujrathi,Mr.Ankit Joshi,Mr.Rahul Agriwal							
Part Considered		Charging Liq. Ammonia		Equipment used:-		I/SSR-05			
Design intent		PRES.		TEMP		FLOW		VACU.	
TO Charge Liq. Ammonia		Amb		Amb		-----		50°C.	
Deviation		Guide Words		Possible causes		Possible consequences		Measures/Existing facilities safeguard	
								S	
								L	
								R	
								Action Required	

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spillage of Ammonia	Other than	Ammonia line damages or leakages due to damage of gasket or line degradation, in case of shut off valve on transfer line or venting is closed. Leakages from transfer pump.	Health hazard Human injury Environment pollution	Persons trained for ammonia transfer & handling of hazardous chemicals. Reactor vent is outside the plant. Provided all necessary PPE's. Flange guards need to provide to flanges in Ammonia line. Operation in presence of supervisor. Ensure all valves before start of ammonia pump.	3	2	6	Require physical supervision and operation as per checklist.
spillage of Ammonia	More	Ammonia may spill while transferring the required quantity of ammonia from Main Ammonia tank to intermediate receiver tank.	Health hazard Human injury Environment pollution	Persons trained for ammonia transfer & handling of hazardous chemicals. Provided all necessary PPE's. Flange guards need to provide to flanges in Ammonia line. Operation in presence of supervisor.	3	2	6	Require physical supervision and operation as per checklist. Require interlock to Ammonia transfer pump, by installing ON/Off Solenoid valve.
Exposure to Lasyll chloride and ammonia gas	More	Ammonia emits at the time of charging the Lasyll chloride material, if charges fast.	Health hazard Environment pollution	Provided all necessary PPE's. (PVC air suit) Operation in presence of supervisor. Ensure all valves before start of ammonia pump.	2	2	4	Require physical supervision and operation as per checklist. PTS system to charge Lasyll Chloride
Deviation	Guide Words	Possible causes	Possible consequences	Measures/Existing facilities safeguard	S	L	R	Action Required

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Spread of Ammonia gas	No/Not	Ammonia gas may spread in premises if there is no efficient ammonia scrubbing system. No sufficient quantity of scrubbing media provided. Scrubbing media (Water) Pump malfunctioning. No replacement of media for long term	Health hazard Human injury Environment pollution	Ammonia scrubber provided. Provided all necessary PPE's. Operation in presence of supervisor. Vacuum ejector water is replaced time to time.	3	2	6	Require physical supervision and operation as per checklist. Required efficient in line scrubbing system of vacuum ejector.
Study Title								
Drawing No.	Lasamide PFD, Stg-2		Revision No.- NIL		Node-10		Date	
HAZOP Team	Mr.Pankaj Sharma,Mr.Gaurav Shukla,Mr.Sanket Gujrathi,Mr.Ankit Joshi,Mr.Rahul Agriwal							
Part Considered	Refilling of H2SO4 to Reactor			Equipment //GLR-13 used:-				
Design intent	PRES.	TEMP	FLOW	VACU.		Material : H2SO4, DM water		
Part of process	Amb	Amb	30±5°C		----		Source : RM store H2SO4 Carboy, Intermediate H2SO4 tank, DM plant	
Deviation	Guide Words	Possible causes		Possible consequences		S	L	R
Measures/Existing facilities safeguard						Action Required		

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Spillage of H ₂ SO ₄ material on floor	Other than	Damage of Carboy. Fall down of carboy while transferring H ₂ SO ₄ Carboys from store to Production area.	Health hazard Environment pollution	Operators provided safety shoes, hand gloves, goggles & cartridge masks Sand buckets provided Regularly training on handling of hazardous chemicals. Additional helper provided with Forklift driver. Carboys are bound with belt, are with proper NFPA labels during transportation.	3	2	6	Use of Second container like pallets with with spill hold up provision. Periodical maintenance of trolley, Lift, forklift required.
Splash of H ₂ SO ₄ under vacuum charging	Other than Guide Words	Vacuum drop at the time of Refilling. Possible causes Human error. No cleaning of traces of water from intermediate tank and pipes before refilling, if any.	Health hazard Possible injury consequences Environment pollution	Measures/Existing facilities safety guard all necessary PPE's. Operation in presence of supervisor.	4	3	12	Require secondary Action Required spill kit media for H ₂ SO ₄ carboy. Required efficient NRV in suction line of H ₂ SO ₄ . Require Suitable pumping mechanism for refilling H ₂ SO ₄ .
Exothermic reaction of water & H ₂ SO ₄	More	Fast addition of H ₂ SO ₄ In water.	Health Hazard Environmental hazard.	Activity performed in supervision.	1	2	2	Require physical supervision and operation as per checklist.

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Emission of vapours due to Exothermic reaction	Other than	Reaction property.	Health hazard Environment pollution	Vent is kept outside the reaction area. Proper PPEs are provided as per PPE matrix. PRV provided and its periodical maintenance done.	1	2	2	Proper supervision required.
Study Title								
Transfer the reaction mass from SSR to GLR for pH adjustment under stirring.								
Drawing No.	Lasamide PFD, Stg-2	Revision No.-	NIL	Node-11	Date	05.01.2022		
HAZOP Team	Mr.Pankaj Sharma,Mr.Gaurav Shukla,Mr.Sanket Gujrathi,Mr.Ankit Joshi,Mr.Rahul Agriwal							
Part Considered	Transferring of ammonia, lasyl chloride material			Equipment used:-	SSR-05/GLR-13			
Design intent	PRES.	TEMP	FLOW	VACU.	Material : Ammonia lasyl chloride mass			
To adjust the pH	Amb	>70°C		----	Source : Reactor			

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Study Title	Transfer the reaction mass from GLR to SSCF. Apply air from top to remove the maxm mother liquor, cake washing.				
Drawing No.	Lasamide PFD, Stg-2	Revision No.- NIL	Node-12	Date	05.01.2022
HAZOP Team	Mr.Pankaj Sharma,Mr.Gaurav Shukla,Mr.Sanket Gujrathi,Mr.Ankit Joshi,Mr.Rahul Agriwal				
Part Considered	Air pressure				
Design intent	Equipment //GLR-13, //SSCF-01/02 used:-				
	PRES.	TEMP	FLOW	VACU.	Material : Ammonia lasyl chloride mass with H2SO4
To filter the mass	Amb	45-50°C		----	Source : Reactor, Centrifuge
Deviation	Guide Words	Possible causes	Possible consequences	Measures/Existing facilities safeguard	S L R Action Required
Exceeded air pressure in filtration	More	Pressure gauge malfunctioning. No supervision.	Health Hazard Environment Hazard, Busting of outlet piping. Damage of ANF Human Injury	Persons trained ANF operation. Operation in presence of supervisor. Ensure bottom valve of CNF is in open condition. Preventive maintenance of ANF. Preventive testing of instruments like	2 2 4 Require physical supervision with checklist of operation activity Engineering control.

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				pressure gauge, PRV etc.					
Exceeded air pressure in cake Deviation	More	Pressure gauge malfunctioning.	Health Hazard Environment Hazard, Busting of outlet Piping possible consequences Damage of ANF Human Injury	Persons trained ANF operation. Operation in presence of supervisor.	2	2	4	Require physical supervision with checklist of operation activity	
	Guide Words	Possible causes		Measures/Existing facilities Ensure bottom valve of CNF is in open safeguard condition.	\$		L	R Action Required Engineering control.	
				Preventive maintenance of ANF. Preventive testing of instruments like pressure gauge, PRV etc.					

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Sudden drop in air pressure	Other than	Air valve malfunctioning. Human error.	Damage of filter cloth support due to contraction of equipment or sudden jerk.	Persons trained ANF operation. Operation in presence of supervisor. Preventive maintenance of ANF. Preventive testing of valve pressure gauge etc.	2	2	4	Require physical supervision with checklist of operation activity Engineering control.
Spillage of cake slurry	less	No proper filtration due to low air pressure Pressure gauge malfunctioning. No supervision.	Health Hazard Environment Hazard,	Persons trained ANF operation. Operation in presence of supervisor. Preventive maintenance of ANF.	2	4	4	Require physical supervision with checklist of operation activity Engineering control.
Splash of Cake material	Other than	Wrong operation of product removal. Human Error. Tripping in case of floor is wet.	Health hazard Environmental hazard	Persons trained ANF operation. Operation in presence of supervisor. Provided PPEs as per PPE matrix	2	3	6	Require physical supervision with checklist of operation activity.

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Crude product in contact with skin	Other than	Human Error	Health Hazard	Provided PPEs as per PPE matrix	2	1	2	PPE matrix need to review.
Study Title		After removal of maximum ML release the air pressure. Open the manhole of SSCF, Unload the material in dedicated HDPE carboys with single poly bag. Sampling.						
Drawing No.	Lasamide PFD, Stg-2	Revision No.- NIL	Node-1	Date	05.01.2022			
HAZOP Team	Mr.Pankaj Sharma,Mr.Gaurav Shukla,Mr.Sanket Gujrathi,Mr.Ankit Joshi,Mr.Rahul Agrawal							
Part Considered	Air pressure		Equipment used:-	II/SSCF-01/02				
Design intent	PRES.	TEMP	FLOW	VACU.	Material :	Crude Lasamide		
To remove the cake	Amb	Amb°C		----	Source :	Crude filtered material from C/SSCF-02 /B/SSCF-01		



ANNEXURE NO. - 24

Consent Order**M.P. Pollution Control Board**E-5, Arera Colony
Paryawaran Parisar, Bhopal - 16 (M.P.)
Tele : 0755-2466191, Fax-0755-2463742

RED - LARGE

CTE-Fresh

VALIDITY(A/W): 30/06/2025

CONSENT NO: ***

PCB ID: 128304

Outward No:100464,18/06/2020

Consent No: CTE-53762

To,

The Occupier,
IPCA Laboratories Limited,
Plot no.19-A, 19-B, 20-A, 20-B, 21-A, 21-B & 22,
Industrial Area No. 1,
Distt. Dewas - 455001 (M.P.)

Sub: Grant of consent to establish under section 25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981-reg.

Ref: Your application receipt No. CTE-Fresh -903348-30/05/2020-A,W

Without prejudice to the powers of this Board under section 25 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board grants consent to establish at Plot no.19-A, 19-B, 20-A, 20-B, 21-A, 21-B & 22, Industrial Area No. 1, Distt. Dewas - 455001 (M.P.)

SUBJECT TO THE FOLLOWING CONDITIONS:-

- (a) Location: Plot no.19-A, 19-B, 20-A, 20-B, 21-A, 21-B & 22, Industrial Area No. 1, Distt. Dewas - 455001 (M.P.)
 (b) The capital Investment: Rs. 325.00 Crs
 (c) Product and Production Capacity:

S. No.	Products	Name of Products	Capacity (Quantity /Year)
1	API	Allopurinol, Amlodipine Besylate, Amodiaquine Base, Amodiaquine HCl, Aripiprazole, Atovaquone, Bezabromorone, Bupropion, Chloroquine phosphate, Chloroquine sulphate, Chlorothalidone, Duloxetine, Escitalopram, Etodolac, Famotidine, Flumequine, Glielazide, Hydroxy Chloroquine sulphate, Lamotrigine, Levofloxacin, Lumefantrine, Valsartan, Metaclopramide HCl, Nifedipine, Ondansetron, Piperazine Phosphate, Pregabalin, Primaquine Phosphate, Proguanil Base, Telmisartan, Trazadole, Losartan Potassium, Furosemide	2,800.000 M.T.
2	API - Intermediate	4,7-Dichloroquinoline (4,7 DCQ), 3- Aminopyrazole-4-carboxamide (3 APC), 2-Butyl -4- Chloro-5-Formyl Imidazole (BCFI), OTBN, MEP, HNDA, NDA, Lasamide, DSA, MV-1 HCl, CPSP, MKI, RoBo 7, Clopi-II, AABO, 4-HOK, PTU, 4- TBD, 4-HBS, Ritanilic acid	2,200.000 M.T.
3	API - Oncology	Baricitinib, Muthotrexate, Tofacitinib, Upadacitinib	7.500 M.T.
4	R & D	-	10.000 M.T.
5	Injection	-	50 Lac Nos.
6	Tablets	-	200 Lac Nos.

Note-

- ❖ For any change in above products and production capacity Project proponent shall obtain fresh consent of the Board.
- ❖ Project proponent shall not operate above project without obtaining consent to operate.

The consent (for operation) as required shall be granted to your project after fulfillment of all the conditions mentioned above. For this purpose you shall have to make an application to this Board in the prescribed proforma at least two months before the expected date of commissioning of your industry. The applicant shall not operate the unit without obtaining consent for operation from the Board and shall not bring in to use any out let for the discharge of effluent and gaseous emission.

Enclosures:-

- * Conditions under Water Act, * Conditions under Air Act
- General conditions

e-Sign
Digitally signed with Aadhaar

e-Signed On 18/06/2020 12:05:37
 (Organic Authentication on AADHAR from UIDAI Server)
 TPAV # 5BA2203T6L

Achyut Anand Mishra
 ACHYUT ANAND MISHRA
 Member Secretary

**Consent Order****M.P. Pollution Control Board**

E-5, Arera Colony

Paryawaran Parisar, Bhopal - 16 (M.P.)

Tele : 0755-2466191, Fax-0755-2463742

CONDITIONS PERTAINING TO WATER (PREVENTION & CONTROL OF POLLUTION) ACT 1974:-

1. The quantity of trade effluent of the unit shall not exceed 493.000 KL/day and the daily quantity of sewage of the unit shall not exceed 38.000 KL/day.

2. **Trade Effluent Treatment:-**

The applicant shall operate and maintain adequate effluent treatment plant to achieve following standards-

pH	Between	5.5 - 9.0
Suspended Solids	Not exceed	100 mg/l.
BOD ₅ Days 27°C	Not exceed	30 mg/l.
COD	Not exceed	250 mg/l.
Oil and grease	Not exceed	10 mg/l.
Chromium (Cr ⁶⁺)	Not Exceed	0.10 mg/l.
Lead	Not exceed	0.10 mg/l.
Cyanide	Not Exceed	0.10 mg/l.
TDS	Not exceed	2100 mg/l.
Chlorides	Not exceed	1000 mg/l.
Mercury	Not exceed	0.01 mg/l.
Arsenic	Not Exceed	0.20
Phenolics (C ₆ H ₅ OH)	Not exceed	1.0 mg/l.
Sulphides (as S)	Not exceed	2.0 mg/l.
Phosphate (as P)	Not exceed	5.0 mg/l.

For other parameters general standards of discharge as notified under EP Act 1986 shall be applicable.

3. **Sewage Treatment:-** The applicant shall provide sewage treatment plant to achieve following standards-

pH	Between	6.5 - 9.0
Total Suspended Solids	Not exceed	100 mg/l.
BOD ₅ Days 27°C	Not exceed	30 mg/l.
COD	Not exceed	250 mg/l.
Oil and grease	Not exceed	10 mg/l.
Fecal Coliform (MPN/100ml)	Not exceed	1000

4. The effluent shall be treated up to prescribed Standards and reuse in the process, for cooling and for green belt development/gardening within premises. Hence zero discharge condition shall be practiced. In no case treated effluent shall be discharged outside of industry/unit premises.
5. Water meter preferably electromagnetic/ultrasonic type with digital flow recording facilities shall be installed separately for category wise consumption of water for process & domestic purposes and data shall be submitted online through XGN monthly patrak/statements. The industry/unit shall also monitor the treated wastewater flow and report the same online through monthly patrak/statements.

S. No.	Water Code (Qty in KLPD - Kilo Ltr per day)	WC : 1180.000	WWG : 531.000	Water Source
1.	Cooling Water	139.000	22.000	SIDC
2.	Cooling Water	462.000	66.000	Recycled
3.	D.M Water Plant	474.000	355.000	SIDC
4.	Domestic Purpose	40.000	38.000	SIDC
5.	Floor / Utensils Washing	50.000	50.000	SIDC
6.	Plantation / Horticulture	15.000	0.000	SIDC

6. All treatment/control facilities/systems installed or used by the applicant shall be regularly maintained in good working order and operate effectively/efficiently to achieve compliance of the terms and conditions of this consent.

Consent No: CTE-51702

e-Signed (Physical Signature NOT requires)



Consent Order

ANNEXURE NO. -24

M.P. Pollution Control Board

E-5, Arera Colony
Paryawaran Parisar, Bhopal - 16 (M.P.)
Tele : 0755-2466191, Fax-0755-2463742

7. **Compilation of Monitoring data:-**
 - i. Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge.
 - ii. Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and analytical methods used to meet the monitoring requirements specified above shall conform to such guidelines unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and where it is not specified the guidelines as per standard methods for the examination of Water and Waste latest edition of the American Public Health Association, New York U.S.A. shall be used.
 - iii. The applicant shall take samples and measurement to meet the monthly requirements specified above and report online through XGN the same to the Board.
8. **Recording of Monitoring activities and results:-**
 - i. The applicant shall make and maintain online records of all information resulting from monitoring activities by this Consent.
 - ii. The applicant shall record for each measurement of samples taken pursuant to the requirements of this Consent as follows:
 - (i) The date, exact place and time of sampling
 - (ii) The dates on which analysis were performed
 - (iii) Who performed the analysis?
 - (iv) The analytical techniques or methods used
 - (v) The result of all required analysis
 - iii. If the applicant monitors any Pollutant more frequently as is by this Consent he shall include the results of such monitoring in the calculation and reporting of values required in the discharge monitoring reports which may be prescribed by the Board. Such increased frequency shall be indicated on the Discharge Monitoring Report Form.
 - iv. The applicant shall retain for a minimum of 3 years all records of monitoring activities including all records of Calibration and maintenance of instrumentation and original strip chart regarding continuous monitoring instrumentation. The period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by Central or State Board or the court.
9. **Reporting of Monitoring Results:-**

Monitoring Information required by this Consent shall be summarized and reported by submitting a Discharge Monitoring report on line to the Board.
10. **Limitation of discharge of oil Hazardous Substance in harmful quantities:-**

The applicant shall not discharge oil or other hazardous substances in quantities defined as harmful in relevant regulations into natural water course. Nothing in this Consent shall be deemed to preclude the institution of any legal action nor relive the applicant from any responsibilities, liabilities, or penalties to which the applicant is or may be subject to clauses.
11. **Limitation of visible floating solids and foam:-**

During the period beginning date of issuance the applicant shall not discharge floating solids or visible foam.
12. **Disposal of Collected Solid waste/sludge:-**

All hazardous waste/sludge shall be disposed of as per the Authorization issued under Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016 and/or other solids sludge, dirt, silt or other pollutant separated from or resulting from treatment shall be disposed of in such a manner as to prevent any pollutant from such materials from entering any such water. Any live fish, Shell fish or other animal collected or trapped as a result of intake water screening or treatment may be returned to eaters body habitat.
13. **Provision for Electric Power Failure:-**

The applicant shall assure to the consent issuing authority that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities utilized by the applicant to maintain compliance with the terms and conditions of the Consent.
14. **Prohibition of Bypass of technical facilities:-**

The diversion or by-pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this Consent is prohibited except:

 - i. Where unavoidable to prevent loss of life or severe property damage, or
 - ii. Where excessive storm drainage or run off would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.
15. Project management shall submit the information online through XGN in reference to compliance of consent conditions.



Consent Order

ANNEXURE No.-24

M.P. Pollution Control Board

E-5, Arera Colony
Paryawaran Parisar, Bhopal - 16 (M.P.)
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Additional Water condition (if any):-

1. The industry shall install flow meters at raw water consumption, RO feed, RO permeate, RO reject, MEE feed, MEE condensate, Water recycling point etc. and report the same to the Board.
2. The industry shall install advance process technologies for reduction of effluent and waste generation from the unit.
3. The industry shall re-utilize the MEE condensate completely in process/ utility.
4. Treatment of other effluents such as plant washing, leakages, boiler blow down, softener regeneration, DM plant, regeneration, plate heat exchangers cleaning etc in the ETP and use for process/utilities.
5. The industry shall make all possible protection arrangements for control of pollution in nearby nallah/water resources from the industry.
6. Industry shall be make the arrangement for conducting Bioassay test and submit Bioassay test report to the Board.

CONDITIONS PERTAINING TO AIR (PREVENTION & CONTROL OF POLLUTION) ACT 1981:-

1. The applicant shall provide air pollution control system and same shall be operated & maintained continuously so as to achieve the level of pollutants.

Name of section	capacity	Stack height (m)	Fuel	Consp-Unit	Control equipment to be installed	P.M, SO _x , NO _x (Mg/Nm ³)
D.G. Sets	2 X 1000 KVA	30	H.S.D	250 LPH	Acoustic enclosure	As per MoEF&CC & CPCB notification
Boiler	20 TPH	39	Solid Fuel	4000 Kg/Hour	Air preheater, Bag filter, Green belt, Multi cyclone	P.M.-150
Boiler	20 TPH	39	Natural Gas	2400 Nm3	Air preheater, Green belt	
Boiler	6 TPH	30	Solid Fuel	1500 Kg/Hr	Air preheater, Bag filter, Green belt, Multi cyclone	
Boiler	6 TPH	30	Natural Gas	900 Nm3	Air preheater, Green belt	
Thermic Fluid Heater	10 TPH	33	Solid Fuel	250 Kg/Hr.	Air preheater, Bag filter, Green belt, Multi cyclone	As per MoEF&CC & CPCB notification
Thermic Fluid Heater	10 TPH	33	Natural Gas	300 Nm3	Air preheater, Green belt	
Nuetralization		3+ Building height			Green belt, Scrubber	As per MoEF&CC & CPCB notification
Reaction Vessels		3+ Building height			Green belt, Scrubber	
Reaction Vessels		3+ Building height			Green belt, Scrubber	
Acid Mists		3+ Building height			Scrubber	
Chlorination		3+ Building height			Green belt, Scrubber	
Reaction Vessels		3+ Building height			Green belt, Scrubber	
Reaction Vessels		3+ Building height			Green belt, Scrubber	
Reaction Vessels		3+ Building height			Green belt, Scrubber	
Reaction Vessels		3+ Building height			Green belt, Scrubber	
Reaction Vessels		3+ Building height			Scrubber	

Consent No:CTE-51702

e-Signed (Physical Signature NOT requires)



ANNEXURE No.-24

Consent Order**M.P. Pollution Control Board**

E-5, Arera Colony

Paryawaran Parisar, Bhopal - 16 (M.P.)

Tele : 0755-2466191, Fax-0755-2463742

2. Ambient air quality at the boundary of the industry/unit premises shall be monitored and reported to the Board regularly on quarterly basis: The Ambient air quality norms are prescribed in MoEF gazette notification no. GSR/826(E), dated: 16/11/09. Some of the parameters are as follows:
 - a. Particulate Matter (less than 10 micron) - 100 microgram/cubic meter (PM_{10} $\mu\text{g}/\text{m}^3$ 24 hrs. basis)
 - b. Particulate Matter (less than 2.5 micron) - 60 -" ($PM_{2.5}$ $\mu\text{g}/\text{m}^3$ 24 hrs. basis)
 - c. Sulphur Dioxide [SO_2] (24 hrs. Basis) - 80
 - d. Nitrogen Oxides [NO_x] (24 hrs. Basis) - 80 -"
 - e. Carbon Monoxide [CO] (8 hrs. Basis) - 2000 -"
3. The industry shall take adequate measures for control of noise level generated from industrial activities within the premises less than 75 dB(A) during day time and 70 dB(A) during night time.
4. The industry/unit shall make the necessary arrangements for control of the fugitive emission from any source of emission/section/activities.
5. All other fugitive emission sources such as leakages, seepages, spillages etc shall be ensured to be plugged or sealed or made airtight to avoid the public nuisance.
6. All the internal roads shall be made pucca to control the fugitive emissions of particulate matter generated due to transportation and internal movements. Good housekeeping practices shall be adopted to avoid leakages, seepages, spillages etc.
7. Industry shall take effective steps for extensive tree plantation within or around the industry/unit premises for general improvement of environmental conditions and as stated in additional condition.

Additional Air condition (if any):-

1. The industry shall provide the safe storage for the fuel used in boiler so the fugitive emissions could controlled.
2. The industry shall provide adequate APCs in all possible points of solvents emission in the plant.
3. The industry shall make all efforts to reduce the odour nuisance from the plant.
4. The industry shall provide and maintain each stack port hole with safe platform of 1 meter width with support & spiral ladder/ Stepped ladder with hand rail up to monitoring platform as per specifications given in part-III emission regulation of CPCB.

GENERAL CONDITIONS:-

1. The non-hazardous solid waste arresting in the industry/unit/unit premises sweeping, etc. be disposed off scientifically so as not to cause any nuisance/pollution. The applicant shall take necessary permission from civic authorities for disposal to dumping site. If required.

Non Hazardous Solid Waste:-

Type of waste	Quantity	Disposal
MS Barrels	50.000	As per CPCB/MoEFCC guidelines
Plastic Liners	15.000	
PVC Waste	15.000	
Steel Scrap	500.000	
Broken Furniture	5.000	
Coal Ash	3850.000	
Alluminium Scrap	15.000	
Glass Waste	12.000	
Fiber Drums	30.000	
Wooden Scrap	5.000	
Corrugated Box	12.000	
Electric Wires / Cables	2.000	
Copper Scrap	1.000	
Paper Cutting	10.000	
Rubber Pipe	5.000	
PVC carboy	5.000	

Consent No: CTE-51702

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ANNEXURE No.-24

Consent Order

M.P. Pollution Control Board

E-5, Arera Colony

Paryawaran Parisar, Bhopal - 16 (M.P.)

Tele : 0755-2466191, Fax-0755-2463742

2. The applicant shall allow the staff of Madhya Pradesh Pollution Control Board and/or their authorized representative, upon the representation of credentials:
 - a. To inspect raw material stock, manufacturing processes, reactors, premises etc to perform the functions of the Board.
 - b. To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
 - c. To have access at reasonable times to any records required to be kept under the terms and conditions of this Consent.
 - d. To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent: or,
 - e. To sample at reasonable times any discharge or pollutants.
3. This consent/authorization is transferable, in case of change of ownership/management and addresses of new Owner/partner/Directors/proprietor should immediately apply for the same.
4. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorize any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.
5. Industry shall install separate electric metering arrangement for running of pollution control devices and this arrangement shall be made in such fashion that any non-functioning of pollution control devices shall immediately stop electric supply to the production and shall remain tripped till such time unless the pollution control device/devices are made functional. The record of electricity consumption for running of pollution control equipment shall be maintained and submitted to the Board every month.
6. Balance consent/authorization fee, if any shall be recoverable by the Board even at a later date.
7. The applicant shall submit such information, forms and fees as required by the board not later than 180 day prior to the date of expiration of this consent/authorization.
8. Knowingly making any false statement for obtaining consent or compliance of consent conditions shall result in the imposition of criminal penalties as provided under the section 42(g) of the Water Act or section 38 (g) of the Air Act.
9. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to the following:-
 - (a) Violation of any terms and conditions of this Consent.
 - (b) Obtaining this Consent by misrepresentation of failure to disclose fully all relevant facts.
 - (c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.

Additional Conditions :-

1. Proper arrangements shall be done for complying the provisions under Waste Plastic Rules, 2016, to take care of plastic waste, E-Waste (management) Rules, 2016, Bio-Medical Waste Management Rules, 2016, Solid Waste Management Rules, 2016, Construction and Demolition Management Rules, 2016, Battery (Management and Handling) Rules 2001 for discarded batteries and Hazardous and other wastes (Management & Transboundary Movement) Rules, 2016.
2. This consent is granted in respect of Water pollution control Act, 1974 & Air Pollution Control act, 1981 or Authorization under the provisions of The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 only and does not relate to any other Department/Agencies. License/NOC required from other Department/Agencies have to be obtained by the unit separately and have to comply separately as per their Act / Rules.
3. Project proponent shall display the regulations provided in the Guidelines issued by CPCB in March, 2017 on "Environmental Management of Construction and Demolition Waste". The above said guidelines can be found at <https://cpcb.nic.in/technical-guidelines-5/>
4. The Project Proponent shall make necessary arrangements for disposal of municipal solid waste.
5. The PP shall apply for authorization under The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 along with fees while applying for CTO-Fresh.
6. PP shall submit environment clearance obtained under EIA notification, 2006 and shall follow/comply with all the condition mentioned in Environment clearance.

Consent No: CTE-51702

e-Signed (Physical Signature NOT requires)




ANNEXURE No. -24

Consent Order

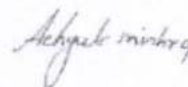
M.P. Pollution Control Board

E-5, Arera Colony
Paryawaran Parisar, Bhopal - 16 (M.P.)
Tele : 0755-2466191, Fax-0755-2463742

7. Industry shall comply with the direction issued by CPCB vide letter no. 33014/07/2019/IPC-II/5759 dated 23.08.2019 regarding fuel policy for use of pet coke and furnace oil with prescribed standard for emission of Sulphur-di- oxide.
8. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
9. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released e.g. PM₁₀ and PM_{2.5} in reference to PM emission and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each) covering upwind and downwind directions.
10. The project proponent shall install one continuous ambient air quality monitoring system in dewas industrial area and display its results through display board for public awareness. The location of this station shall be finalized in consultation with the Regional office, M. P. Pollution Control Board, Dewas.
11. Storage of raw materials, coal / Bio Briquette etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
12. The project proponent shall provide online continuous monitoring of effluent by installing web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations. The project proponent shall ensure Zero Liquid Discharge and no waste/treated water shall be discharged outside the premises.
13. On violation of any of the above-mentioned conditions the consent granted will automatically be taken as canceled and necessary action will be initiated against the Project Proponent.

 e-Sign
Digitally signed by AADHAR

e-Signed On 18/06/2020 12:05:37
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TPAV # 5BA22O3T6L



ACHYUT ANAND MISHRA
Member Secretary

Consent No: CTE-51702

e-Signed (Physical Signature NOT requires)



ANNEXURE NO. 25

Consent Order**M.P. Pollution Control Board**E-5, Arera Collectionony
Paryawaran Parisar, Bhopal - 16 (M.P.)
Tele : 0755-2466191, Fax-0755-2463742RED - LARGE
Outward No: 114471, 10/01/2022CCA-Expansion &
Hazardous authorizationCONSENT NO: ***
Consent No: AWH-55002

PCB ID: 128304

To,

The Occupier,
M/s IPCA Laboratories Limited,
Plot no. 16-A, 16-B, 17 -A, 17-B, 18- A, 18-B, 19-A, 19-B,
20-A, 20-B, 20-C, 21-A, 21-B, 21-C & 22,
Industrial Area No. 1,
Distt. Dewas - 455001 (M.P.)

Sub: Grant of consent to operate under section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016- reg.

Ref: Your application receipt no. CCA-Fresh-1103046-27/12/2021-AWH.

With reference to your above application for consent to operate and authorization has been considered under the aforesaid Acts and existing rules therein. The M. P. Pollution Control Board has agreed to grant consent up to 31/01/2024, & hazardous authorization up to 31/01/2027 subject to the fulfillment of the terms & conditions, enclosed with this letter.

SUBJECT TO THE FOLLOWING CONDITIONS:-

- (a) Location: Plot no.16-A, 16-B, 17 -A, 17-B, 18- A, 18-B, 19-A, 19-B, 20-A, 20-B, 20-C, 21-A, 21-B, 21-C & 22, Industrial Area No. 1, Distt. Dewas - 455001 (M.P.)
(b) The capital Investment: Rs. 175.82 Crores.
(c) Product and Production Capacity in Phase 1:

S. No.	Products	Name of Products	Capacity (Quantity /Year)
1	API	Allopurinol, Amlodipine Besylate, Amodiaquine Base, Amodiaquine HCl, Aripiprazole, Atovaquone, Bez bromorone, Bupropion, Chloroquine phosphate, Chloroquine sulphate, Chlorothalidone, Duloxetine, Escitalopram, Etodolac, Famotidine, Flumequine, Glucalazide, Hydroxy Chloroquine sulphate, Lamotrigine, Levofloxacin, Lumefantrine, Valsartan, Metaclopramide HCl, Nifedipine, Ondansetron, Piperazine Phosphate, Pregabline, Primaquine Phosphate, Proguanil Base, Telmisartan, Trazadole, Losartan Potassium, Furosemide	800 MT M.T.
2	API - Intermediate	4,7-Dichloroquinoline (4,7 DCQ), 3- Aminopyrazole-4-carboxamide (3 APC), 2-Butyl -4- Chloro-5-Formyl Imidazole (BCFI), OTBN, MEP, HNDA, NDA, Lasamide, DSA, MV-1 HCl, CPSP, MKI, RoBo 7, Clopi-II, AABO, 4-HOK, PTU, 4- TBD, 4-HBS, Ritanilic acid	700 MT M.T.
3	R & D		10.000 M.T.

Note: -For any change in above Product and Production Capacity industry shall obtain fresh consent from the Board.

The validity of the consent is up to 31/01/2024 & hazardous authorization up to 31/01/2027 has to be renewed before expiry of consent validity. Online application through XGN with annual license fees in this regard shall be submitted to this office 6 months before expiry of the consent. Board reserves the right to amend/cancel / revoke the above condition in part or whole as and when required.

Enclosures:-*Conditions under Water Act* Conditions under Air Act*Conditions under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016* General conditions

Copy to:

- 1) Regional Officer, M.P. Pollution Control Board, Dewas for information.
- 2) Collector, District Dewas for information.

Digitally signed by A. A. Mishra, Member Secretary
Date: 10/01/2022 06:22:33 PM

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Digitally signed by A. A. Mishra, Member Secretary
Date: 10/01/2022 06:22:33 PM

ACHYUT ANAND MISHRA
Member Secretary

e-Signed (Physical Signature NOT requires)

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**Consent Order****M.P. Pollution Control Board**

E-5, Arera Collectionony
Paryawaran Parisar, Bhopal - 16 (M.P.)
Tele : 0755-2466191, Fax-0755-2463742

CONDITIONS PERTAINING TO WATER (PREVENTION & CONTROL OF POLLUTION) ACT 1974:-

1. The quantity of trade effluent of the unit shall not exceed 198 KL/day and the daily quantity of sewage of the unit shall not exceed 15.000 KL/day.
2. Trade Effluent Treatment:- The applicant shall provide effluent treatment plant to achieve following standards -

pH	Between	6.0 - 8.5
Suspended Solids	Not exceed	100 mg/l.
BOD ₅ Days 27°C	Not exceed	30 mg/l.
COD	Not exceed	250 mg/l.
Oil and grease	Not exceed	10 mg/l.
Chromium (Cr ⁶⁺)	Not Exceed	0.10 mg/l.
Lead	Not exceed	0.10 mg/l.
Cyanide	Not Exceed	0.10 mg/l.
TDS	Not exceed	2100 mg/l.
Chlorides	Not exceed	1000 mg/l.
Mercury	Not exceed	0.01 mg/l.
Arsenic	Not Exceed	0.20
Phenolics (C ₆ H ₅ OH)	Not exceed	1.0 mg/l.
Sulphides (as S)	Not exceed	2.0 mg/l.
Phosphate (as P)	Not exceed	5.0 mg/l.

For other parameters general standards of discharge as notified under EP Act 1986 shall be applicable.

3. Sewage Treatment:- The applicant shall provide sewage treatment plant to achieve following standards-

pH	Between	6.5 - 9.0
Total Suspended Solids	Not exceed	100 mg/l.
BOD ₅ Days 27°C	Not exceed	30 mg/l.
COD	Not exceed	250 mg/l.
Oil and grease	Not exceed	10 mg/l.
Fecal Coli form (MPN/100ml)	Not exceed	1000

S. No.	Water Code (Qty in KLPD - Kilo Ltr per day)	WC : 473.000	WWG : 213.000	Water Source
1.	Boiler	56.000	9.000	SIDC
2.	Cooling Water	185.000	27.000	Recycled
3.	D.M Water Plant	190.000	142.000	SIDC
4.	Domestic Purpose	16.000	15.000	SIDC
5.	Floor / Utensils Washing	20.000	20.000	SIDC
6.	Plantation / Horticulture	6.000	0.000	SIDC/Recycle d

4. The combined effluent shall be treated up to prescribed Standards and Reuse in the process, for cooling and for green belt development/gardening within premises. Hence zero discharge condition shall be practiced. In no case treated effluent shall be discharged outside of industry/unit premises.
5. Water meter preferably electromagnetic/ultrasonic type with digital flow recording facilities shall be properly maintained for category wise consumption of water for Industrial cooling/boiler feed, process & domestic purposes and data shall be submitted online through XGN monthly. The industry/unit shall also monitor the treated wastewater flow and report the same online through monthly patrak/statements.

Consent No:AWH-55002

e-Signed (Physical Signature NOT requires)



Consent Order

ANNEXURE No. 25

M.P. Pollution Control Board
E-5, Arera Collectionony
Paryawaran Parisar, Bhopal - 16 (M.P.)
Tele : 0755-2466191, Fax-0755-2463742

6. Any change in production capacity, process, fuel used etc. and for any enhancement of the above prior permission of the Board shall be obtained. All authorized discharges shall be consistent with terms and conditions of this consent. Facility expansions, production increases or process modifications which result new or increased discharges of pollutants must be reported by submission of a fresh consent application for prior permission of the Board
7. All treatment/control facilities/systems installed or used by the applicant shall be regularly maintained in good working order and operate effectively/efficiently to achieve compliance of the terms and conditions of this consent.
8. The specific effluent limitations and pollution control systems applicable to the discharge permitted herein are set forth as above conditions.
9. **Compilation of Monitoring data:-**
 - i. Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge.
 - ii. Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and analytical methods used to meet the monitoring requirements specified above shall conform to such guidelines unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and where it is not specified the guidelines as per standard methods for the examination of Water and Waste latest edition of the American Public Health Association, New York U.S.A. shall be used.
 - iii. The applicant shall take samples and measurement to meet the monthly requirements specified above and report online through XGN the same to the Board.
10. **Recording of Monitoring activities and results:-**
 - i. The applicant shall make and maintain online records of all information resulting from monitoring activities by this Consent.
 - ii. The applicant shall record for each measurement of samples taken pursuant to the requirements of this Consent as follows:
 - (i) The date, exact place and time of sampling
 - (ii) The dates on which analysis were performed
 - (iii) Who performed the analysis?
 - (iv) The analytical techniques or methods used
 - (v) The result of all required analysis
 - iii. If the applicant monitors any Pollutant more frequently as is by this Consent he shall include the results of such monitoring in the calculation and reporting of values required in the discharge monitoring reports which may be prescribed by the Board. Such increased frequency shall be indicated on the Discharge Monitoring Report Form.
 - iv. The applicant shall retain for a minimum of 3 years all records of monitoring activities including all records of Calibration and maintenance of instrumentation and original strip chart regarding continuous monitoring instrumentation. The period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by Central or State Board or the court.
11. **Reporting of Monitoring Results:-**

Monitoring Information required by this Consent shall be summarized and reported by submitting a Discharge Monitoring report on line to the Board.
12. **Limitation of discharge of oil Hazardous Substance in harmful quantities:-**

The applicant shall not discharge oil or other hazardous substances in quantities defined as harmful in relevant regulations into natural water course. Nothing in this Consent shall be deemed to neither preclude the institution of any legal action nor relive the applicant from any responsibilities, liabilities, or penalties to which the applicant is or may be subject to clauses.
13. **Limitation of visible floating solids and foam:-**

During the period beginning date of issuance the applicant shall not discharge floating solids or visible foam.

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e-Signed (Physical Signature NOT requires)

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**Consent Order**

M.P. Pollution Control Board
E-5, Arera Collectionony
Paryawaran Parisar, Bhopal - 16 (M.P.)
Tele : 0755-2466191, Fax-0755-2463742

14. Disposal of Collected Solid waste/sludge:-

All hazardous waste/sludge shall be disposed of as per the Authorization issued under Hazardous and Other Waste (Management and Trans boundary Movement) Rules, 2016 and other solids sludge, dirt, silt or other pollutant separated from or resulting from treatment shall be disposed of in such a manner as to prevent any pollutant from such materials from entering any such water. Any live fish, Shell fish or other animal Collected or trapped as a result of intake water screening or treatment may be returned to eaters body habitat.

15. Provision for Electric Power Failure:-

The applicant shall assure to the consent issuing authority that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities utilized by the applicant to maintain compliance with the terms and conditions of the Consent.

16. Prohibition of Bypass of technical facilities:-

The diversion or by-pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this Consent in prohibited except:

- Where unavoidable to prevent loss of life or severe property damage, or
- Where excessive Storm drainage or run off would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.

17. Industry shall submit the information online through XGN in reference to compliance of consent conditions.

Additional Water condition (if any):-

- The industry shall maintain flow meters at raw water consumption, RO feed, RO permeate, RO reject, MEE feed, MEE condensate, Water recycling point etc. and report the same to the Board.
- The industry shall install advance process technologies for reduction of effluent and waste generation from the unit.
- The industry shall continue to re-utilize the MEE condensate completely in process/ utility.
- Treatment of other effluents such as plant washing, leakages, boiler blow down, softener regeneration, DM plant, regeneration, plate heat exchangers cleaning etc in the ETP and use for process/utilities.
- The industry shall make all possible protection arrangements for control of pollution in nearby nallah/water resources from the industry.

CONDITIONS PERTAINING TO AIR (PREVENTION & CONTROL OF POLLUTION) ACT 1981:-

- The applicant shall operate & maintain air pollution control facility continuously so as to achieve the level of pollutants.

Name of section	capacity	Stack height (m)	Fuel	Consp-Unit	Control equipment to be installed	P.M, SO _x , NO _x (Mg/Nm ³)
D.G. Sets	1X 1000 KVA	30	H.S.D	250 LPH	Acoustic enclosure	As per MoEF&CC & CPCB notification
Boiler	6 TPH	30	Solid Fuel	1500 Kg/Hr	Air pre heater, Bag filter, Green belt, Multi cyclone	P.M.-150
Neutralization		3+ Building height			Green belt, Scrubber	As per MoEF&CC & CPCB notification
Reaction Vessels		3+ Building height			Green belt, Scrubber	
Reaction Vessels		3+ Building height			Green belt, Scrubber	

Note- Industry shall inform to the Board for any addition or removal of source of air/water pollution and control equipment.



Consent Order

M.P. Pollution Control Board

E-5, Arera Collectionony

Paryawaran Parisar, Bhopal - 16 (M.P.)

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2. Ambient air quality at the boundary of the industry/unit premises shall be monitored and reported to the Board regularly on quarterly basis: The Ambient air quality norms are prescribed in MoEF gazette notification no. **GSR/826(E)**, dated: 16/11/09. **Some of the parameters are as follows:**
- | | |
|--|---|
| a. Particulate Matter (less than 10 micron) | - 100 $\mu\text{g}/\text{m}^3$ microgram/cubic meter (PM_{10} $\mu\text{g}/\text{m}^3$ 24 hrs. basis) |
| b. Particulate Matter (less than 2.5 micron) | - 60 $\mu\text{g}/\text{m}^3$ ($\text{PM}_{2.5}$ $\mu\text{g}/\text{m}^3$ 24 hrs. basis) |
| c. Sulphur Dioxide [SO_2] (24 hrs. Basis) | - 80 $\mu\text{g}/\text{m}^3$ |
| d. Nitrogen Oxides [NO_x] (24 hrs. Basis) | - 80 $\mu\text{g}/\text{m}^3$ |
| e. Carbon Monoxide [CO] (8 hrs. Basis) | - 2000 $\mu\text{g}/\text{m}^3$ |
3. The industry shall take adequate measures for control of noise level generated from industrial activities within the premises less than 75 dB (A) during day time and 70 dB(A) during night time.
4. Industry shall maintain each stack port hole with safe platform of 1 meter width with support & spiral ladder/ Stepped ladder with hand rail up to monitoring platform as per specifications given in part-III emission regulation of CPCB.
5. The industry shall make and maintain the necessary arrangements for control of the fugitive emission from any source of emission/section/activities.
6. All other fugitive emission sources such as leakages, seepages, spillages etc shall be ensured to be plugged or sealed or made airtight to avoid the public nuisance.
7. The industry shall ensure all necessary arrangements for control of odour nuisance from the industrial activities or process within premises.
8. All the internal roads shall be maintained in good condition to control the fugitive emissions of particulate matter generated due to transportation and internal movements. Good housekeeping practices shall be adopted to avoid leakages, seepages, spillages etc.
9. Industry shall take effective steps for extensive tree plantation within or around the industry/unit premises for general improvement of environmental conditions and as stated in additional condition.

**Consent Order****M.P. Pollution Control Board**

E-5, Arera Collectionony
Paryawaran Parisar, Bhopal - 16 (M.P.)
Tele : 0755-2466191, Fax-0755-2463742

CONDITIONS PERTAINING TO HAZARDOUS AND OTHER WASTES (MANAGEMENT AND TRANS-BOUNDARY MOVEMENT) RULES, 2016:-**FORM-2**

[See rule 6(2)]

FORM FOR GRANT OR RENEWAL OF AUTHORIZATION BY STATE POLLUTION CONTROL BOARD TO THE OCCUPIERS, RECYCLERS, REPROCESSORS, REUSERS, USER AND OPERATORS OF DISPOSAL FACILITIES

1. Number of authorization and date of issue: Please refer in red ink at bottom of page.
2. Reference of application (No. and date) : CCA-Fresh -1103046-27/12/2021-AWH.
3. The Occupier of M/s IPCA Laboratories Limited is hereby granted an authorization based on the enclosed signed inspection report for generation, Collection, reception, Storage, transport, Reuse, recycling, recovery, pre-processing, co-processing, utilization, treatment, disposal or any other use of hazardous or other wastes or both on the premises situated at Plot no. 16-A, 16-B, 17-A, 17-B, 18-A, 18-B, 19-A, 19-B, 20-A, 20-B, 20-C, 21-A, 21-B, 21-C & 22, Industrial Area No. 1, Distt. Dewas - 455001 (M.P.).

Details of Authorization

S. No.	Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorized mode of disposal or recycling or utilization or co-processing, etc.	Quantity (per annum)
1	Process Residue and wastes I -28.1	Co-Processing, Collection, Disposal Thru TSDF, Preprocessing, Storage	400.000-M.T
2	Contaminated cotton rags or other cleaning materials I -33.2	Co-Processing, Collection, Disposal Thru TSDF, Preprocessing, Storage	5.000-M.T
3	Spent carbon I -28.3	Co-Processing, Collection, Disposal Thru TSDF, Preprocessing, Storage	400.000-M.T
4	Spent Catalyst I -28.2	Collection, Storage, Thru Authorized Recycler	5.000-M.T
5	Date-expired products I -28.5	Co-Processing, Collection, Disposal Thru TSDF, Preprocessing, Storage	10.000-M.T
6	Chemical sludge from waste water treatment I -35.3	Co-Processing, Collection, Disposal Thru TSDF, Processing, Storage	600.000-M.T
7	Any process or distillation residue I -36.1	Co-Processing, Collection, Disposal Thru TSDF, Preprocessing, Storage	120.000-M.T
8	Off Specification Products I -28.4	Co-Processing, Collection, Disposal Thru TSDF, Preprocessing, Storage	10.000-M.T
9	Spent Solvents I -28.6	Collection, Reuse, Sale to authorized recycler, Storage	680.000-M.T
10	Used or Spent Oil I -5.1	Collection, Reuse, Sale to authorized recycler, Storage	4.000-M.T
11	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes I -33.1	Collection, Decontamination, Reuse, Sale to authorized recycler, Storage, Thru Authorized Recycler	100.000-M.T
12	Corrosive II -C2	Collection, Storage, Thru Authorized Recycler	400.000-M.T
13	Spent Carbon or filter medium I -36.2	Co-Processing, Collection, Disposal Thru TSDF, Preprocessing, Storage	5.000-M.T
14	Spent ion exchange resin containing toxic metals I -35.2	Co-Processing, Collection, Disposal Thru TSDF, Processing, Storage	1.000-M.T

- (1) The authorization is valid for a period of five years i.e. from dated 01/02/2022 to 31/01/2027.
- (2) The authorization is subject to the following general and specific conditions:

Consent No:AWH-55002

e-Signed (Physical Signature NOT requires)

**Consent Order****M.P. Pollution Control Board**

E-5, Arera Collectionony

Paryawaran Parisar, Bhopal - 16 (M.P.)

Tele : 0755-2466191, Fax-0755-2463742

A. General conditions of Authorization:

1. The authorized person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the State Pollution Control Board.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
5. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
7. It is the duty of the authorized person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The hazardous and other waste which gets generated during recycling or Reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.
11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
12. An application for the renewal of an authorization shall be made as laid down under these Rules.
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

B. Specific conditions:

1. The industry shall display the information on hazardous waste generated on notice board of size 6' x 4' (in Hindi & English) outside the unit main gate along with quantity and nature of hazardous chemicals being handled in the plant, including wastewater, air emission and hazardous wastes.
2. The Industry shall maintain the records of hazardous wastes as per the Form-3 of rule 6(5) and should online submit the annual return in Form No.4 as per the rule 6(5) to this office on or before 30th day of June of every year for the preceding period April to March.
3. In the event of any accident due to handling of hazardous wastes, the authorized person must inform immediately to the Regional Office & Head office of the board on Fax/telephone/emailit_mppcb@rediffmail.com about the incident and detail report should be sent in Form No. 10 as per rule -22 of Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016.
4. Packing, Labeling & Transportation of Hazardous wastes:-
 - (i) The occupier or operator of the Treatment, Storage and Disposal Facility or recycler shall ensure that the hazardous waste are packaged and labeled, based on the composition in a manner suitable for safe handling. Storage and transport as per the guidelines issued by the Central Pollution Control Board vide - October 2004 & conditions issues from time to time.
 - (ii) The labeling and packaging shall be easily visible and be able to withstand physical conditions and climate factors.
 - (iii) The transport of the hazardous wastes shall be in accordance with the provision of these rules and the rules made by the Central Govt. under the Motor Vehicle Act 1988 and other guidelines issued from time to time in this regard.
 - (iv) In case of transportation of hazardous wastes through a State other than the State of origin or destination, the Occupier shall intimate the concerned State Pollution Control Board before he hands over the hazardous wastes to the transporter.

**Consent Order****M.P. Pollution Control Board**

E-5, Arera Collectionony

Paryawaran Parisar, Bhopal - 16 (M.P.)

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- (V) The occupier shall provide the transporter with seven copies of the manifest as per the Collectionor codes as per rule 19(1).
- (vi) The occupier shall forward copy 1 (white) to the State Pollution Control Board and in case the hazardous wastes is likely to be transported through any transit State, the occupier shall prepare an additional copy each for intimation to such State and forward the same to the concerned SPCB before he hands over the hazardous wastes to the transporter.
- (vii) No transporter shall accept hazardous wastes from an occupier for transport unless copies 3 to 7 of the manifest accompany it.
- (viii) The transporter shall submit copies 3 to 7 of the manifest duly signed with date to the operator of the facility along with the waste consignment.
- (ix) The industry shall ensure the transportation of the hazardous waste through the MPPCB authorized trucks/tankers provided with the GPS system, Blue Colored with white strip painted as hazardous waste, driver with tenth passed etc as per CPCB guidelines issued in year 2005-06.
5. The occupiers of facilities may Store the hazardous and other wastes for a period not exceeding ninety days and shall maintain a record of sale, transfer, Storage, recycling, recovery, pre-processing, co-processing and utilization of such wastes and make these records available for inspection.
6. The transport of the hazardous wastes shall be in accordance with the provision of these rules and the rules made by the Central Govt. under the Motor Vehicle Act 1988 and other guidelines issued from time to time in this regard.
7. If the industry comes in such a category where insurance under Public Liability Insurance Act, is necessary, the industry shall comply with provision and submit a copy of the policy to the Board.
8. The information regarding quantity of hazardous wastes generated and its analysis report should be sent to the Board online quarterly.
9. Hazardous Waste Storage Site & Danger signboard shall be provided with all fire safety & emergency safety devices at the Storage site.
10. The authorized person should inform the name and address of the contact person responsible for hazardous waste management.
11. The industry shall make arrangements for Store of hazardous waste/non hazardous solid waste in cover shed with pucca floor area.

GENERAL CONDITIONS:-

1. The non-hazardous solid waste arresting in the industry/unit/unit premises sweeping, etc. be disposed off scientifically so as not to cause any nuisance/pollution. The applicant shall take necessary permission from civic authorities for disposal to dumping site. If required.

Non Hazardous Solid Waste:-

Type of waste	Quantity(M.T./Month)	Disposal
MS Barrels	25.000M.T	As per CPCB/MoEFCC guidelines
Plastic Liners	8.000M.T	
PVC Waste	8.000M.T	
Steel Scrap	250.000M.T	
Broken Furniture	3.000M.T	
Coal Ash	1950.000M.T	
Alluminium Scrap	8.000M.T	
Glass Waste	6.000M.T	
Fiber Drums	15.000M.T	
Wooden Scrap	3.000M.T	
Corrugated Box	6.000M.T	
Electric Wires / Cables	2.000M.T	
Copper Scrap	1.000M.T	
Paper Cutting	5.000M.T	
Rubber Pipe	3.000M.T	
PVC Carboy	5.000M.T	

**Consent Order****M.P. Pollution Control Board**E-5, Arera Collectionony
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2. The applicant shall allow the staff of Madhya Pradesh Pollution Control Board and/or their authorized representative, upon the representation of credentials:
 - a. To inspect raw material Stock, manufacturing processes, reactors, premises etc to perform the functions of the Board.
 - b. To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
 - c. To have access at reasonable times to any records required to be kept under the terms and conditions of this Consent.
 - d. To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent: or,
 - e. To sample at reasonable times any discharge or pollutants.
3. This consent/authorization is transferable, in case of change of ownership/management and addresses of new Owner/partner/Directors/proprietor should immediately apply for the same.
4. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorize any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.
5. Industry shall maintain separate electric metering arrangement for running of pollution control devices and this arrangement shall be made in such fashion that any non-functioning of pollution control devices shall immediately stop electric supply to the production and shall remain tripped till such time unless the pollution control device/devices are made functional. The record of electricity consumption for running of pollution control equipment shall be maintained and submitted to the Board every month.
6. This consent is granted in respect of Water pollution control Act 1974 or Air Pollution Control act, 1981 or Authorization under the provisions of Hazardous and Other Waste (Management and Trans boundary movement) Rules, 2016, only and does not relate to any other Department/Agencies. License required from other Department/Agencies have to be obtained by the unit separately and have to comply separately as per there Act / Rules.
7. Balance consent/authorization fee, if any shall be recoverable by the Board even at a later date.
8. The applicant shall submit such information, forms and fees as required by the board not letter than 180 day prior to the date of expiration of this consent/authorization.
9. Knowingly making any false statement for obtaining consent or compliance of consent conditions shall result in the imposition of criminal penalties as provided under the section 42(g) of the Water Act or section 38 (g) of the Air Act.
10. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to the following:-
 - (a) Violation of any terms and conditions of this Consent.
 - (b) Obtaining this Consent by misrepresentation of failure to disclose fully all relevant facts.
 - (c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.
11. On violation of any mentioned conditions the consent granted will automatically be taken as canceled and necessary action will be initiated against the industry.

Additional Conditions:-

1. The industry shall comply with the updated norms/directions/acts/rules/guidelines issued by the Hon'ble Courts/Tribunals/MoEFCC /MPPCB time to time.
2. The industry shall ensure the arrangements for disposal of above Non Hazardous solid waste generated from the unit to the authorized vendors only.
3. The industry shall maintain the record of generation and disposal of the non hazardous wastes and same shall be produced before the officers of Pollution Control Board during inspection or visit.

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4. The industry shall submit contract document with unit for accepting hazardous waste for Co-processing and Pre-processing before sending hazardous waste.
5. The industry shall submit valid consent and hazardous waste authorization of unit which will Pre-Process / Co-process hazardous waste before sending hazardous waste.
6. The industry shall submit details of vehicle to be used in transportation of hazardous waste before sending hazardous waste for Co-Processing and Pre-Processing.
7. The industry shall intimate in advance to MPPCB and other PCB/PCC, if hazardous waste has to be transported through other state or has to be transported other state for Pre-processing/ Co-Processing.
8. This consent is granted in respect of Water pollution control Act, 1974 & Air Pollution Control act, 1981 or Authorization under the provisions of The Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 only and does not relate to any other Department/Agencies. License/NOC required from other Department/Agencies have to be obtained by the unit separately and have to comply separately as per their Act / Rules.
9. PP shall install online PTZ camera, online Flow meter with connectivity to server of the CPCB & MPPCB.

Consent and authorization as required under the Water (Prevention & Control of Pollution) Act, 1974, The Air (Prevention & Control of Pollution) Act, 1981 and the Authorization under Hazardous and Other Waste (Management and Trans boundary Movement) Rules, 2016, is granted to your industry subject to fulfillment of all the conditions mentioned above. For renewal purpose you shall have to make an application to this Board through XGN at least Six months before the date of expiry of this consent and authorization. The applicant without valid consent (for operation) of the Board shall not bring in to use any outlet for the discharge of effluent and gaseous emission.

e-Signing from UIDAI
Sign

(Organic Authentication on AADHAR from UIDAI Server)
TPAV # LF8NO3OND4

Achyut Mishra

ACHYUT ANAND MISHRA
Member Secretary

Consent No: AWH-55002

e-Signed (Physical Signature NOT requires)



Licence for possession and sale of Poisons

No. : DWXSN2212706

Dewas, Dated: 11-Jan-2022

Register No DWXSN2212706, Licence No. U/DWX/L/20221/11/500 of IPCA LABORATORIES LIMITED
 Name of Licensee's Shop/Firm IPCA LABORATORIES LIMITED, Date of Grant 11-Jan-2022. Complete
 Address of Shop/Firm Plot No 16 to 22, Industrial Area No 1, AB Road, Dewas Valid up to 10-Jan-2027. Shri/
 Smt. /Ku. Chandrasen S/o W/o D/o of Shri/ Smt. /Ku. Li Anand Rao. Carrying on business on the above address
 in the Plot No 16 to 22, Industrial Area No 1, AB Road, Dewas DEWAS DEWAS Dewas Ujjain, District
Administration, Dewas (Name of local body) under INDUSTRIAL AREA NO 3 Police Station of DEWAS District
 is hereby licenced to possess for sale the below mentioned list of Acid(s)/Poison(s).

Name(s) of authorised representative : Dewas DM

This licence is subject to the conditions specified below. The breach of any of which shall involve forfeiture of the
 licence as well as liability to the penalties provided under section 6 of the Poisons Act, 1919 (No. 12 of 1919). This
 licence will remain in force from the date of grant for a period of five years unless previously terminated due to
 death of the licence holder or cancelled by the licensing authority concerned.

Signature valid

Digitally Signed By MAHENDRA SINGH
 KAWACHE (Personal)
 Date : 11-Jan-2022 12:39:22 IST

LICENSING AUTHORITY
 DISTRICT MAGISTRATE, DEWAS

List of Acid(s)/Poison(s) [1 Item(s)]

1. Methanol



LICENCE TO WORK A FACTORY
(Form No.3 prescribed under Rule 5 of M.P Factories Rules, 1962)

Nic Number : 21002

Fee(in Rs) : 266439

Licence No : 171/17160/DWS/2m(i)/H

Challan No : 11/21/07341

(Mention this number invariably in
all correspondences with this office)

Date : 29/11/2021

Treasury : SBI,E-Payment

Factory Id : FAC2122640

Licence is hereby granted to Mr./Mrs. : **AJIT KUMAR JAIN**

Occupier of : **Ipca Laboratories Ltd.**

Located at : **16A, 16B, 17A, 17B, 18A, 18B, 19A, 19B, 20A,
20B, 20C, 21A, 21B, 21C and 22, Industrial
Area No 1**

District : **Dewas**

(Subject to the provisions of the Factories Act, 1948 and the rules made there under and the conditions annexed here with) Valid only for the premises at the above location(as per the plan approved under the Factories Act and Rules) for use as a factory employing **not more than 500 (Five hundred)** workers on any one day during the year and having installed motive power **not Exceeding 4000 (Four thousand)** Horse Power, where the manufacture process of **Manufacturing of Basic Drugs** will be carried by him.

This licence shall remain in force till the 31st day of December, 2023(2022-2023)

Indore

Dated : 14/01/2022

Digitally Signed By **SUNISH Gopal Rao**
WADIKAR (Personal)

Chief Inspector of Factories
Madhya Pradesh

वैधानिक सूचना: यह पत्राण-पत्र नगैर निरीक्षण अथवा सत्यापन के केवल आवेदक द्वारा दी गयी जानकारी के आधार पर जारी किया गया है अतः असत्य जानकारी पाये जाने पर आवेदक स्वयं उत्तरदायी होगा।

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