

Date: 01.06.2023

To

Deputy Director General of Forest (Central),

Ministry of Environment, Forest and Climate Change, Regional Office (WZ), E-5, Kendriya Paryavaran Bhawan, Arera Colony, Link Road No. – 3, Bhopal – 462 016.

E-mail: rowz.bpl-mef@nic.in, eccomplinace-guj@gov.in

Sub : Half yearly Compliance report of Environment Clearance for "Warehouse Project at village

Bhenslay, Tehsil - Mhow, District - Indore, Madhya Pradesh"

Ref : Environment clearance granted to M/s Adani Logistics Limited vide letter dated

29.04.2022 EC Identification no. EC22B038MP126872

Dear Sir,

Please refer to the above cited reference for the said subject matter. In connection to the same, it is to state that copy of the compliance report for the Environmental Clearance for the period of October-2022 to March-2023 is being submitted through soft copy (e-mail communication).

Kindly consider above submission and acknowledge.

Thank you, Yours Faithfully,

For, M/s Adani Logistics Limited

K. Manikandan

Authorized Signatory

Encl: As above Copy to:

- 1) The Member Secretary, M. P. State Environment Impact Assessment Authority, Environmental Planning & Coordination Organization (EPCO), Paryavaran Parisar, E-5, Arera Colony, Bhopal-462 016 (MP)
- 2) The Regional Director, CPCB Zonal Office, Vithal Market, Paryavaran Parisar, E-5, Arera Colony, Bhopal, Madhya Pradesh 462016
- 3) The Member Secretary, Madhya Pradesh Pollution Control Board, E-5, Arera Colony, Paryavaran Parisar, Bhopal 462 016
- 4) Regional Officer, Madhya Pradesh Pollution Control Board, Scheme no. 75, Part 2, Indore 452001

CIN: U63090GJ2005PLC046419



ADANI LOGISTICS LIMITED (ALL)

ADANI CORPORATE HOUSE, SHANTIGRAM, NEAR VAISHNO DEVI CIRCLE, S. G. HIGHWAY, KHODIYAR, AHMEDABAD - 382421

Environmental Clearance

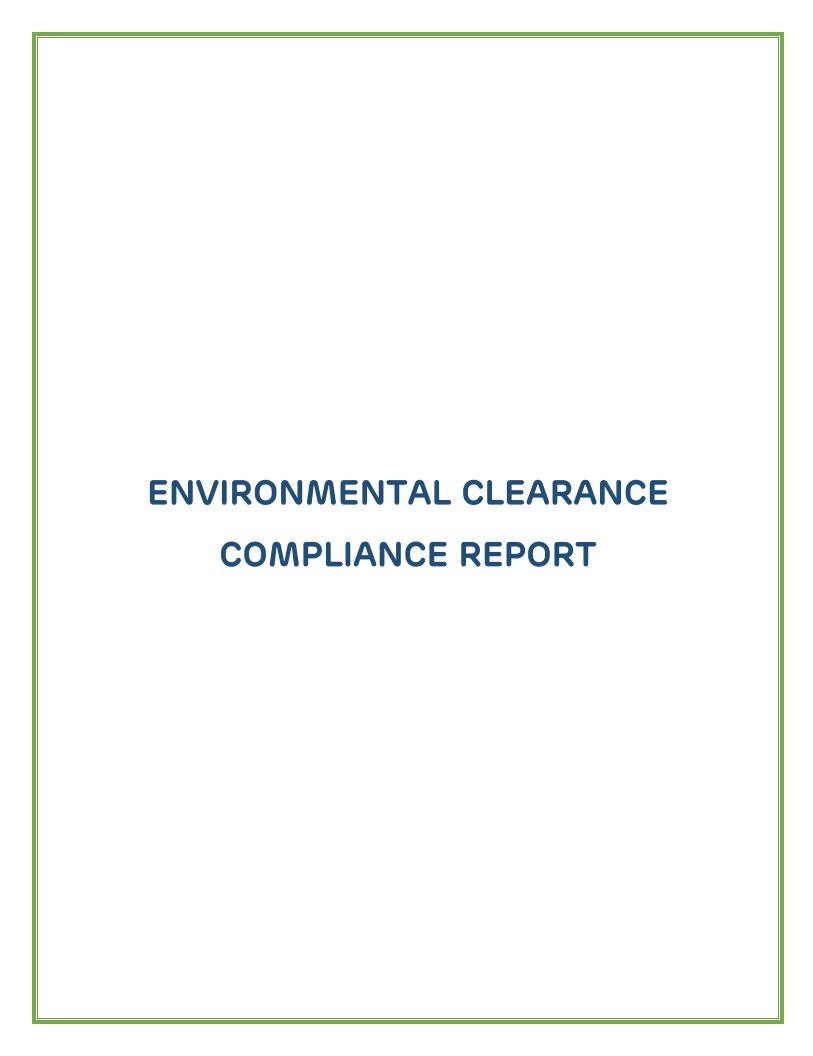
[EC Identification No. - EC22B038MP126872; File No. - 9086/2022 Date of Issue of EC - 29/04/2022]

Compliance Report

for the Period
OCTOBER 2022 TO MARCH 2023

Index

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	Annexure II	Storm water layout
	Annexure III	Details of 20 KLD STP
	Annexure IV Details of Recharge Pit for RWH	
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From: October 2022 to : March 2023

H	Half yearly Compliance report on conditions stipulated in Environmental Clearance [File No 9086/2022 Date of Issue of EC - 29/04/2022]			
S. No.	Conditions	Compliance Status		
A. S	Specific Conditions as recommended by SEIAA			
1.	PP should ensure to water supply arrangement through ground water after obtaining permissions from Central Ground Water Board	CGWA permission is obtained and same is enclosed as Annexure I .		
2.	The inlet and outlet point of drain system should be maintained with adequate size of channel for ensuring unrestricted flow of water	Noted. Storm water drain layout is enclosed as Annexure II .		
3.	Disposal of wastewater			
a.	Sewage shall be treated in the STP based on MBBR technology with tertiary treatment i.e., Ultra-Filtration. The treated effluent from STP shall be recycled/reused for flushing, DG cooling, gardening and HVAV	A 20 KLD STP is installed at the site. The details are attached as Annexure III .		
b.	PP should ensure linkage with municipal sewer line for disposal of extra treated wastewater and obtain NOC for the same from concerned department	No disposal of treated wastewater outside is envisaged as a part of the project. Extra treated water will be used for gardening, flushing etc.,		
4.	Solid Waste Management			
a.	Separate wet and dry bins must be provided at the ground level for facilitating segregation of waste	Noted and will be complied.		
b.	The solid waste generated should be properly collected and segregated. Wet garbage should be composted, and dry inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	Noted and will be complied.		
C.	Wet garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from the project will be sent to dumping site.	Noted and will be complied.		
d.	Ensure linkage with Municipal Corporation for final disposal of MSW and obtain NOC from the Municipal Corporation Indore at the same time.	Biodegradable MSW generated at the site will be treated in the OWC installed at the site and will be used as manure. No-Biodegradable Waste generated at the site		



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		will be recycled through government	
		approved agencies.	
5.	PP should ensure road width, front MOS and	MOS provided as per state government	
	side/rear as per MPBVR 2012.	byelaws.	
6.	For firefighting		
а.	PP should ensure distance of fire station	Mhow Fire Station is 8km from site which is	
	approachable from the project site	approachable from the project site.	
b.	As per MPBVR, 2012 rule 42 (3) PP should submit	Complete Fire Design will be as per NBC and	
	necessary drawings and details to the Authority	IS code. Necessary approval will be taken	
	(Nagar Nigam, Indore) incorporating all the	from local government body.	
	firefighting measures recommended in National		
	Building Code part – IV point no. 3.4.6.1. The		
	occupancy permit shall be issued by Nagar		
	Nigam only after ensuring that all firefighting		
	measures are physically in place.		
7.	For Rainwater Harvesting and Ground water rech		
а.	PP should ensure the rainwater harvesting with	Recharging pits are provided at the site. The	
	8 no. of recharging pits and these pits should be	details are provided as Annexure IV .	
	connected laterally to consume the surplus		
	runoff. In addition, PP should provide recharging		
	trenches. The base of the trenches should be		
	Kachha with pebbles.		
b.	The storm water from roof – top, paved surfaces	Adequate storm water drainage is	
	and landscaped surfaces should be properly	considered as a part of the project. Storm	
	channelized to the rainwater harvesting sumps	water drain layout is enclosed as Annexure	
	through efficient storm water networks as	ll.	
	proposed. The budget should be included in		
	EMP plan for storm water management		
C.	Additional soil for levelling of the proposed site	Existing site is having black cotton clay soil	
	should be generated within the sites (to the	and not fit for construction use.	
	extent possible) so that natural drainage system		
	of the area is protected and improved.		
8.	PP should ensure to provide total – 592 nos. of	Current Parking is planned with Car - 08	
	parking including 319 (car) + 250 (2-wheeler) +	Nos, two-wheeler – 45 Nos., truck - 7 Nos.	
	23 (truck) and explore the possibility to increase	Future capacity will be increase as per	
	the parking space. No other activities will be	requirement and space provision is provided	
	allowed in the parking area.	for the same.	



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S. No.	Conditions	Compliance Status	
9.	For energy conservation PP should ensure		
a.	Solar lights should be provided for common amenities like street lighting & garden lighting	LED lights will be provided at present. The same will be shifted to solar lights in the future during operation phase of the project as per the requirement.	
b.	PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures and other energy efficient equipment	Noted and will be followed in future.	
C.	Electrical charging points for E-vehicles shall be provided to promote clean energy	Noted and will be followed in future based on the requirement.	
10.	Green belt		
a.	PP should ensure plantation in an area of 17745.5 m ² (33% of total plot area) by planting 3000 nos. of trees at site along the road, around open space area, parking area and other amenities. Trees of indigenous local varieties like Neem, Peepal, Kadam, Karanj, Kachnaar, Saltree, Gulmohar etc. should be planted.	Noted and will be complied with planation of 3000 nos. of trees gradually. In the first phase, plantation of 1000 nos. of trees will be carried out for which 120 nos. of trees are already planted at the site. The photographs showing the same is given as Annexure V .	
b.	The green belt of adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.	Noted and will be complied.	
11.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The specific activities to be undertaken under CER to be carried out in consultation with District Collector or village panchayat.	As per the condition of EC obtained for the project, INR of 5.0 Lacs is deposited towards habitat development in Ralamandal Sanctuary. The payment receipt are attached as Annexure VI .	
12.	PP should ensure to submit half yearly compliance report with photographs of plantation in MP-SEIAA. If PP failed to upload or submit two consecutive half yearly compliance reports of EC conditions to concerned authority (SEIAA and Regional Office, MoEF&CC, Gol,	Noted and will be complied.	



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S. No.	Conditions	Compliance Status	
	Bhopal) than prior environmental clearance issued to PP will automatically be treated as cancelled/revoked as per OM no. 930/SEIAA/2019 dated 30.05.2019 issued by MPSEIAA		



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Н	Half yearly Compliance report on conditions stipulated in Environmental Clearance [File No 9086/2022 Date of Issue of EC - 29/04/2022]		
S. No.	Conditions	Compliance Status	
В. :	Specific Conditions as recommended by SEAC		
1	Statutory Compliance		
i.	The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	NOC from Graham Sabha is attached as Annexure VII . Other clearances are in the process and will be submitted.	
ii.	The approval of the Competent Authority shall be obtained for structural safety of building due to earthquakes, adequacy of firefighting equipment etc as per National Building code including protection measures from lightening etc.	Noted and will be complied.	
iii.	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, 197 4 from the concerned State Pollution Control Board/Committee.	CTE is obtained from MPPCB is attached as Annexure VIII.	
iv.	The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.	CGWA permission obtained and same is attached as Annexure I .	
V.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	Allotment letter is attached as Annexure IX .	
Vi.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	Noted and will be complied.	
vii.	The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics	Noted and will be complied.	



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S. No.	Conditions	Compliance Status
	Waste (Management Rules, 2016 shall be followed.	
viii.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.	Noted and will be complied.
ix.	The project area shall be secured through boundary wall and excavated topsoil shall not be used in filling of low lying area. The topsoil shall be used for greenery development.	The project area is secured through boundary wall and excavated soil is used for landscaping purpose.
П	Air quality monitoring and preservation	
i.	Notification GSR 94(E) dated 25/1/2018 MoEF& CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for project requiring Environmental Clearance shall be complied with.	No demolition activities are envisaged the site. Adequate dust mitigation measure will be provided during construction phase of the project.
ii.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	Noted and will be complied.
iii.	The project proponent shall Install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released covering upwind and downwind directions during the construction period.	Environment Monitoring for all the attributes as per the Environment Clearance has been initiated and will be submitted in next compliance report.
iv.	O1 Diesel power generating sets of capacity 125 kVA is proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low Sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	Complied
V.	Construction site shall be adequately barricaded before the construction begins.	Complied



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	Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around		
	the site plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out debris from the site		
vi.	Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	Complied.	
vii.	Wet jet shall be provided for grinding and stone cutting.	Complied.	
viii.	Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.	Complied.	
ix.	All construction and demolition debris shall be stored at the site (are not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.	Complied.	
X.	The diesel generator sets to be used during 'Construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards	Complied.	
xi.	The gaseous emission from DG set (1x125 kVA) shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be sed. The location of the DG set and exhaust pipe height shall be as per the	Complied.	



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S. No.	[File No 9086/2022 Date of Iss Conditions	Compliance Status
	provisions of the Central Pollution Control	·
	Board (CPCB) norms	
xii.	For indoor air quality the ventilation provisions	Noted and will be complied.
	as per National Building Code of India.	
Ш	Water quality monitoring and preservation	
i.	The natural drain system should be maintained	Complied.
	for ensuring unrestricted flow of water. No	
	construction shall be allowed to obstruct the	
	natural drainage through the site, on wetland	
	and water bodies. Check dams, bio-swales,	
	landscape and other sustainable urban	
	drainage systems (SUDS) are allowed for	
	maintaining the drainage pattern and to	
::	harvest rainwater.	Compliad
ii.	Warehouse/Logistic Park shall be designed to	Complied.
	follow the natural topography as much as possible Minimum cutting and filling should be	
	done	
iii.	Total water requirement in the summer season	Complied.
••••	will be ~98 KLD out of which domestic (fresh	
	(30KLD) + flushing (15KLD) water requirement	
	is 45 KLD and horticulture water requirement is	
	53 KLD. Fresh water demand will be ~30 KLD.	
	Wastewater Generation will be ~39 KLD.	
iv.	No Wastewater will be discharge in the Sewer	Complied.
	outside warehouse/logistic park premises.	
	Surplus treated effluent during rainy season (if	
	any) will be given to the nearby	
	farmers/construction sites as a. part of their	
	daily water requirement.	
V.	Recycled water system shall utilize this treated	Complied.
	sullage and serve for non-contact uses such as	
	flushing and horticulture.	
vi.	Dual plumbing system that utilizes separate	Dual plumping system for fresh and flushin
	piping systems for freshwater and recycled	water system considered in the design.
	sullage will be adopted for the project.	



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S. No.	Conditions	Compliance Status	
vii.	The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	Complied.	
viii.	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.	CGWA permission obtained.	
ix.	At least 11 % of the open spaces as required by the local building bye-laws shall be previous. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as previous surface.	Open space provided with paver blocks.	
X.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	Dual plumping system for fresh and flushing water system considered in design.	
xi.	Use of water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.	Noted and will be complied.	
xii.	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.	Dual plumping system for fresh and flushing water system considered in design.	



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xiii.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Noted and will be complied.	
xiv.	The local bye-law construction on rainwater harvesting should be followed. If local by-law provision is not available, adequate provisions for storage and recharge should be followed as per the Ministry of Urban Development Model Building bylaws, 2016. Rainwater harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.	Being complied.	
XV.	A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meter of built up area and storage capacity of minimum one day of total fire water requirement shall be provided. In areas where ground water recharge is not feasible the rainwater should be harvested and stored for reuse.	Recharging pits for RWH is provided gradually at the project site.	
xvi.	The ground water shall not be withdrawn without approval from the Competent Authority.	CGWA permission obtained.	
xvii.	For rainwater harvesting, 08 recharge pits will be constructed for harvesting rainwater. The total recharge capacity of these pits about 1251. 73 m3/hr. Mesh will be provided at the roof so that leaves or any other solid waste/debris will be prevented from entering the pit.	Recharging pits for RWH is provided gradually at the project site.	
xviii.	The RWH will be initially done only from the roof top. Runoff from green and other open areas will be done only after permission from CGWB	Noted and will be complied.	
xix.	All recharges should be limited to shallow aquifer.	Noted and will be complied.	
XX.	No ground water shall be used during construction phase of the project.	Noted and will be complied.	



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H	alf yearly Compliance report on conditions st [File No 9086/2022 Date of Iss	•
S. No.	Conditions	Compliance Status
xxi.	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the ·CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.	Noted and will be complied.
xxii.	The quality of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The recorded shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring report.	Noted and will be complied.
xxiii.	Sewage shall be treated in the MBBR based STP (Capacity - 50 KLD). The treated effluent from STP shall be recycled/re-used for flushing. AC makes up water and gardening. As proposed, no treated water shall be disposed into municipal drain.	20 KLD STP is installed as a initial phase.
xxiv.	The wastewater generated from the project shall be treated in STP of 50 KLD capacity (based on MBBR based technology) and then reused for various purposes. No water body or drainage channels are getting affected in the study area because of this project.	20 KLD STP is installed as a initial phase.
xxv.	No sewage or untreated effluent water would be discharged through storm water drains.	Complied
xxvi.	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.	Noted and will be complied.
kxvii.	Sludge from the onsite sewage treatment including septic tanks. shall be collected, conveyed and disposed as per the Ministry of Urban Development, Control Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems. 2013.	Complied.



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S. No.	Conditions	Compliance Status						
IV	Noise monitoring and prevention							
i.	Ambient noise levels shall conform to	Complied.						
	residential area/commercial area/industrial							
	area/silence zone both during day and night as							
	per Noise Pollution (Control and Reg lat1on)							
	Rules, 2000. Incremental pollution loads on the							
	ambient air and noise quality shall be closely							
	monitoring during construction phase.							
	Adequate measures shall be made to reduce							
	ambient air and noise level during construction							
	phase so as to conform to the stipulated							
ii.	standards by CPCB/SPCB. Noise level survey shall be carried as per the	Complied.						
11.	prescribed guidelines and report in this regard	Compiled.						
	shall be submitted to Regional Officer of the							
	Ministry as a part of six-monthly compliance							
	report.							
iii.	Acoustic enclosures for DG sets, noise barriers	Noted and will be complied.						
	for ground run bays, ear plugs for operating	·						
	personnel shall be implemented as mitigation							
	measures for noise impact due to ground							
	sources.							
V	Energy Conservation measures							
i.	Compliance with the Energy Conservation	Noted and will be complied.						
	Building Code (ECBC) of Bureau of Energy							
	Efficiency shall be ensured, building in the							
	State which have notified their own ECBC, shall							
::	comply with the State ECBC	Nahad and will be assessed						
ii.	Outdoor and common area lighting shall be LED	Noted and will be complied.						
iii.	For this project total power requirement of	Noted. LED lights will be provided at present.						
	project is 4635 KW out of this 500 Kw power	The same will be shifted to solar lights in the						
	produced by solar panels which is about 0.78 %	future during operation phase of the project						
	of total power requirement.	as per the requirement.						
iv.	Concept of passive solar design that minimize	Noted and will be complied.						
	energy consumption in buildings by using							
	design elements, such as building orientation,							



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	landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications										
V.	Energy Conservation measure like installation of CFLs/LED"s for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning	Noted and will be complied.									
vi.	Solar, wind or other renewable energy shall be installed to meet electricity generation equivalent to 1 % of the demand load or as per the state level /local building bye-laws requirement, which is higher	Noted. Based on the requirement the renewable energy option will be explored during operation phase of the project.									
vii.	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building byelaws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	Noted. The same shall be explored during operation phase of the project.									
viii.	PP shall be explored the possibility of lying of solar panels on warehouse roofs to generate the green energy for their in -houses uses, their e- vehicles etc.	Noted. The same shall be explored during operation phase of the project.									
VI	Waste Management										
i.	During the operation phase, solid waste generated from the project shall be ~309 kg per day.	Noted.									
ii.	These all type of waste shall be treated/ disposed off as per provision made in the MSW Rules 2016	Noted and will be complied.									



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iii.	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the MSW generated from project shall be obtained.	OWC is provided for the biodegradable waste and non-biodegradable waste will be disposed through government approved agencies.								
iv.	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority	Complied.								
V.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste (0.4 ton/day) shall be segregated into wet garbage and inert materials.	Being Complied.								
vi.	All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.	Being complied.								
vii.	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Noted and will be complied.								
viii.	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction materials quantity. These include fly ash brick, hollow bricks, MCs, Fly Ash Lime Gypsum block, compressed earth blocks and other environmentally friendly materials.	Fly ash bricks will be used for construction.								
ix.	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016 Ready mixed concrete must be used in building construction.	Noted and will be complied.								



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X.	Any wastes from construction and demolition activities related thereto small be managed to strictly conform to the construction and Demolition Rules, 2016.	Noted and will be complied.								
xi.	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.	Noted and will be complied.								
VII	Green Cover									
i.	Total 3000 trees shall be planed in the area of 17745.5 m ² (33 % of total plot area) which is developed as greenbelt development.	Noted and will be complied with planation of 3000 nos. of trees gradually. In the first phase, plantation of 1000 nos. of trees will be carried out of which 120 nos. of trees are already planted at the site.								
ii.	No tree can be felled/transplant unless exigencies demand. Where absolute necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (Planted).	No trees present at the site.								
iii.	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should included plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping,	Being complied.								
iv.	Where the trees need to be cut with prior permission from the concerned local Authority, Compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall	No trees present at the site.								



From: October 2022 to : March 2023

Н	Half yearly Compliance report on conditions stipulated in Environmental Clearance [File No 9086/2022 Date of Issue of EC - 29/04/2022]									
S. No.	Conditions	Compliance Status								
	be provided as per the details provided in the									
	project document.									
V.	Topsoil should be stripped to depth of 20 cm	Being complied.								
	from the areas proposed for buildings, roads,									
	paved areas, and external services. It should be									
	stack plied appropriately in designated areas									
	and reapplied during plantation of the									
	proposed vegetations on site.									
vi.	The surplus soil shall be used for plantation	Noted and will be complied.								
\ /III	purposes.									
VIII	Transport	Nicked and will be a considered								
i.	A comprehensive mobility plan, as per MoUD	Noted and will be complied.								
	best practices guidelines (URDPFI), shall be									
	prepared to include motorized, non-motorized,									
	public and private network. Road should be designed with due consideration for									
	environment and safety of users. The road									
	system can be designed with these basic									
	criteria.									
	a. Hierarchy of roads with proper									
	segregation of vehicular and pedestrian traffic									
	b. Traffic calming measures.									
	c. Proper design of entry and exit points									
	d. Parking norms as per local regulation									
ii.	Vehicles hired for bringing construction	Complied.								
	material to the site should be in good condition									
	and should have a pollution check certificate									
	and should conform to applicable air and noise									
	emission standards be operated only during									
	non-peak hours.									
iii.	For smooth movement of traffic internal roads	Complied.								
•	of 9.0 m and 6.0 m (peripheral) are proposed.	<u> </u>								
iv.	A detailed traffic management and traffic	Noted and will be complied.								
	decongesting plan shall be drawn up to ensure									
	that the current level -of service & of the road									
	within a 05 Kms radius of the project as maintained and improved upon after the									
	implementation of the project. This plan should									
	implementation of the project. This plan Should									



From: October 2022 to : March 2023

H	alf yearly Compliance report on conditions st								
	[File No 9086/2022 Date of Iss								
S. No.	Conditions	Compliance Status							
	be based on cumulative impact of the								
	development and increased habitation being								
	carried out or propose to be carried out by the								
	project or other agencies in this 05 Kms radius								
	of the site in different scenarios of space and								
	time and the traffic management and the PWD/								
	competent authority for road augmentation								
	and shall also have their consent to the								
	implementation of components of the plan								
	which involve the participation of these								
	departments.								
IX	Human health issues	T							
i.	All workers working at the construction site and	Complied.							
	involved in loading, unloading, carriage of								
	construction material and construction debris								
	or working in any area with dust pollution shall								
	be provided with dust mask								
ii.	For indoor air quality the ventilation provisions	Noted and will be complied.							
	as per National Building Code of India.								
iii.	Emergency preparedness plan based on the	Noted and will be complied.							
	Hazard identification and Risk Assessment								
	(HIRA) and Disaster Management Plan shall be								
	implementation.								
iv.	Provision shall be made for the housing of	Complied.							
	construction labour within the site with all								
	necessary infrastructure and facilities such as								
	fuel for cooking, mobile toilets, mobile, STP,								
	safe drinking water, medical health care, creche								
	etc. The housing may be in the form of								
	temporary structures to be removed after the								
	completion of the project.	Operation							
V.	Occupational health surveillance of the	Complied.							
	workers shall be done on a regular basis.	Complied							
vi.	A First Aid Room shall be provided in the project	Complied.							
	both during construction and operations of the								
	project.								
X	EMP & Corporation Environment Responsibility								



From: October 2022 to : March 2023

H	Half yearly Compliance report on conditions stipulated in Environmental Clearance [File No 9086/2022 Date of Issue of EC - 29/04/2022]								
S. No.	Conditions	Compliance Status							
I.	For Environment Management Plan PP has proposed Rs. 113 Lakhs as capital and Rs. 8.7 Lakhs as recurring cost for this project.	Noted.							
II.	For this project PP has proposed Rs 05.00 Lakhs as Corporate Environment Responsibility (CER) for habitat development in in Ralamanadal sanctuary, Indore, which shall be implemented within one year.	As per the condition of EC obtained for the project, INR of 5.0 Lacs is deposited towards habitat development in Ralamandal Sanctuary. The payment receipt are attached as Annexure VI .							
III.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balance 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/deviation/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 reports.	HSE policy is given as Annexure X .							
IV.	A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	Complied.							
V.	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 to be diverted for any other purpose. Year wise progress of implementation of action plan	Noted.							



From: October 2022 to : March 2023

Н	Half yearly Compliance report on conditions stipulated in Environmental Clearance [File No 9086/2022 Date of Issue of EC - 29/04/2022]								
S. No.	Conditions	Compliance Status							
	shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.								
XI	Miscellaneous								
i.	The project authorities must strictly adhere to the stipulation made by the MP Pollution Control Board and the State Government.	Noted and will be complied.							
ii.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and that during their presentation to the State Expert Appraisal Committee (SEAC)	Noted and will be complied.							
iii.	No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Chang (MoEF&CC).	Noted and will be complied.							
iv.	Concealing factual data or submission of false/ fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986	Noted.							
V.	The above conditions shall be enforced, interalia 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 will be complied.							
	rd Conditions								
1.	All activities / mitigative measures proposed by PP in Environmental Impact Assessment (if	Noted.							



From: October 2022 to : March 2023

H	alf yearly Compliance report on conditions st File No 9086/2022 Date of Iss	·
S. No.	Conditions	Compliance Status
	applicable) and approved by SEAC must be ensured.	
2.	All activities / mitigative measures proposed by PP in Environmental Management Plan and approved by SEAC must be ensured.	Noted.
3.	Project Proponent has to strictly follow the direction/guidelines issued by MoEF, CPCB and other Govt. agencies from time to time.	Noted.
4.	The Ministry or any other competent authority may alter/modify the conditions or stipulate any further condition in the interest of environment protection.	Noted.
5.	The Environmental Clearance shall be valid for a period of seven years from the date of issue of this letter.	Noted.
6.	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	Noted.
7.	The Regional Office, MoEF, Gol, Bhopal and MPPCB shall monitor compliance of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report. Environmental Management Plan and other documents information should be given to Regional Office of the MoEF, Gel at Bhopal and MPPCB.	Noted.
8.	The Project Proponent shall inform to the Regional Office, MoEF, Got, Bhopal and MP PCB regarding date of financial closures and fin I approval of the project by the concerned	Noted.



From: October 2022 to : March 2023

Н	alf yearly Compliance report on conditions st [File No 9086/2022 Date of Iss	ue of EC - 29/04/2022]
S. No.	Conditions	Compliance Status
	authorities and the pate of start of land development work.	
9.	In the case of expansion or any change (s) in the scope of the project, the project shall again require prior Environmental Clearance as per EIA notification, 2006.	Noted.
10.	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 clearance under the revisions of the Environmental Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted.
11.	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 monit9red and displayed at a convenient location near the main gate of the-company and ;n the public domain.	Noted.
12.	The environmental statement for each financial year ending 31st 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 also be sent to the Regional Office of MoEF.	Noted.



From: October 2022 to : March 2023

Н	Half yearly Compliance report on conditions stipulated in Environmental Clearance [File No 9086/2022 Date of Issue of EC - 29/04/2022]											
S. No.	Conditions	Compliance Status										
13.	A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat and municipal bodies as applicable in addition to the relevant officers of the Government who in turn has to display the same for 30 days from the date of receipt.	Noted.										
14.		Done and same is attached as Annexure XI .										
15.	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.										



From: October 2022 to : March 2023

Annexure -I



भारत सरकार जल शक्ति मंत्रालय जल संसाधन, नदी विकास और गंगा संरक्षण विभाग केन्द्रीय भूमि जल प्राधिकरण Government of India Ministry of Jal Shakti Department of Water Resources, River Development & Ganga Rejuvenation Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र) NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:			Adani	Adani Logistics Ltd.													
Project Address:				Survey No. 37/2, Village Bhenslay, Tahsil Mhow,, Indore, Madhya Pradesh, Madhya Pradesh													
Villa	age:				Bhesl	ay				Bloc	k: M	k: Mhow					
Dis	trict:				Indore	Э				Stat	e: Ma	adhya Pra	desh				
Pin	Code:											1,1,					
Communication Address:				Adani Logistics Ltd., Adani Corporate House,, 8th Floor, Shantigram, Sg Highway, Ahmedabad, Ahmadabad City, Ahmadabad, Gujarat - 382421													
Add	dress of Co	GWB Re	gional	Office :								on, Block- Pradesh -			aryawas		
1. I	NOC No.:		CGV	VA/NOC	/INF/OI	RIG/20	22/15	5199		\prec	7						
2.	2. Application No.: 21-4/1247/MP/					2022			3.		egory: /RE 2020	gory: Semi Critical RE 2020)					
4. I	Project Sta	atus:	New	Project				$\overline{}$	5.	. NOC	C Type:	Type: New					
6.	Valid from):	21/0	4/2022				1	7.	Vali	d up to:	d up to: 20/04			04/2027		
8.	Ground W	ater Abst	raction	n Permi	tted:		. 1	Lange.									
	Fresh	Water			Saline	Saline Water Dew			ewate	atering Total							
n	n³/day	m³/ye	ear	m³/	'day	day m³/year			m³/day		m³/year m		³/day m³/year		³/year		
,	30.00	10950	0.00			~ \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \											
9. I	Details of	ground w	ater a	bstraction	on /Dew	atering	g stru	ctures									
			Tot	al Exist		.:0					Total Proposed No.:2						
				DW	DCB	BW	TW	MP	MPu	D۱	N DCE	BW	TW	MP	MPu		
	Abstraction			0	0	0	0	0	0	0		2	0	0	0		
	Dug Well; D		-						ne Pit;MF	Pu-Mine	e Pumps	0.10	00.00				
_	Ground W						•										
 Number of Piezometers (Observation constructed/ monitored & Monitoring 					No. of Piezo		eters	ers Monitoring Mechanism									
												Manual DWLR** DWLR With Telem			elemetry		
,	**DWLR - Di	gital Water	Level R	ecorder					1		1	0		0			

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011 Phone: (011) 23383561 Fax: 23382051, 23386743 Website: cgwa-noc.gov.in

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / tube wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC
- 8) Industries abstracting ground water in excess of 100 m 3 /d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act. 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

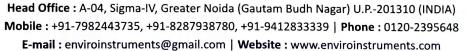
- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m3/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable)

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)



ENVIRO INSTRUMENTS







Calibration Certificate

Certificate No:	EI/FF/2094	Page	1 of 1
SRF No:			Fluid Flow
SRF Date			CC318422000006610F
Company Name & Address		Calibration Date:	15.09.2022
M/S, Adani Logistics Ltd. Survey No. 37/2, Village Bheslay, Tahsil Mhow, Raun Pithampur Road, Land Mark Near Tihi Railway Station Indore		Due Date :	14.09.2023
		Issue Date :	07.10.2022

DUC Details							
Instrument Name	Flow Meter	Sr. No.	2205500860				
Make	QES	Size	65 mm				
Model	EMFM-DN-T-SS316-d-2x	Location	Aligarh				
Range	0,45 - 45.0000 m³/hr	DUC Condition	Ok				
Resolution	0.1 m³/hr	Calibration Performed at	Site				

Standard Equipments Used (Traceable to National Standard)									
Sr. No.	Sr. No. Instrument Name Calibrated By SINo./IDNo. URL No. /Cal. Certificate No. Date of Calibration Due. On d								
1	Ultrasonic Flow Meter	Nagman Calibration Services LLP	201218-H- 81987395	CC254822000001083F 2021-22/CFC/2342/1	08.01.2022	08.01.2023			

Environment Condition	Temp.	B.Pressure	Humidity	Reference Standard	Calibration Procedure No.
Environment Condition	285 °C	738.1 mmHg	66 %RH	ASTM D3195-90	EI/WI/FF/06

		Calibration Results For V	Vater Flow N	/leter	
S.No.	Test meter (DUC) Measured Flow (m³/hr)	Reference True Measured flow (m³/hr)	Error (%)	Calibration Factor	Expanded Uncertainty at 95% confidence Level (K=2)
1	4.45	4.3942	1.220	0.988	
2	8.62	8.5830	0.431	0.996	
3	19.94	19.863	0.388	0.996	± 3.2 %
4	26.4	26.311	0.338	0.997	
5	32.5	32.422	0.302	0.997	

Notes :-

- 1.The Calibration results reported in this certificate valid at the time of and under the stated conditions of measurement
- 2. The Laboratory accepts responsibility for content of this certificate.
- 3. This Certificate shall not be reproduced except in full, without written approval of the laboratory.
- 4. This certificate is intended of only for guidance and not for legal purpose or for advertisement.
- 5.Any complaint about this certificate should be communicated in writing within 7 days of its issue.
- 6. Total liability of enviro instrument will be limited to the invoiced amount only.
- 7. In case of feedback/complaints please send an email at enviroinstruments@gmail.com

Authorized By

Gauray Nigam (Technical Manager)



ENVIRO INSTRUMENTS







Head Office: A-04, Sigma-IV, Greater Noida (Gautam Budh Nagar) U.P.-201310 (INDIA)

Mobile: +91-7982443735, +91-8287938780, +91-9412833339 | Phone: 0120-2395648

E-mail: enviroinstruments@gmail.com | Website: www.enviroinstruments.com

Calibration Certificate

Certificate No:	El/FF/2095	Page	1 of 1
SRF No:	No: 2022/272		Fluid Flow
SRF Date	Date 15.09.2022		CC318422000006611F
Company Name & Ad	dress	Calibration Date:	15.09.2022
M/S, Adani Logistics I		Due Date :	14.09.2023
	ge Bheslay, Tahsil Mhow, I, Land Mark Near Tihi Railway Station Indore	Issue Date :	07.10.2022

DUC Details							
Instrument Name	Flow Meter	Sr. No.	1080222				
Make	QES	Size	65 mm				
Model	EMFM-DN-T-SS316-d-2x	Location	Aligarh				
Range	0.45 - 45.0000 m³/hr	DUC Condition	Ok				
Resolution	0.1 m³/hr	Calibration Performed at	Site				

	Standard Equipments Used (Traceable to National Standard)									
Sr. No. Instrument Name Calibrated By SINo./IDNo. URL No. /Cal. Certificate No. Date of Calibration Due. 0										
1	Ultrasonic Flow Meter	Nagman Calibration Services LLP	201218-H- 81987395	CC254822000001083F 2021-22/CFC/2342/1	08.01.2022	08.01.2023				

Environment Condition	Temp.	B.Pressure	Humidity	Reference Standard	Calibration Procedure No.	
	285 °C	738.1 mmHg	66 %RH	ASTM D3195-90	EI/WI/FF/06	

		Calibration Results For V	Vater Flow N	/leter	
S.No.	Test meter (DUC) Measured Flow (m³/hr)	Reference True Measured flow (m³/hr)	Error (%)	Calibration Factor	Expanded Uncertainty at 95% confidence Level (K=2)
1	4.30	4.2822	0.425	0.996	
2	8.34	8.2012	1.692	0.983	
3	19.76 ·	19.620	0.714	0.993	± 3.2 %
4	26.4	26.300	0.380	0.996	
5	32.9	32.645	0.781	0.992	

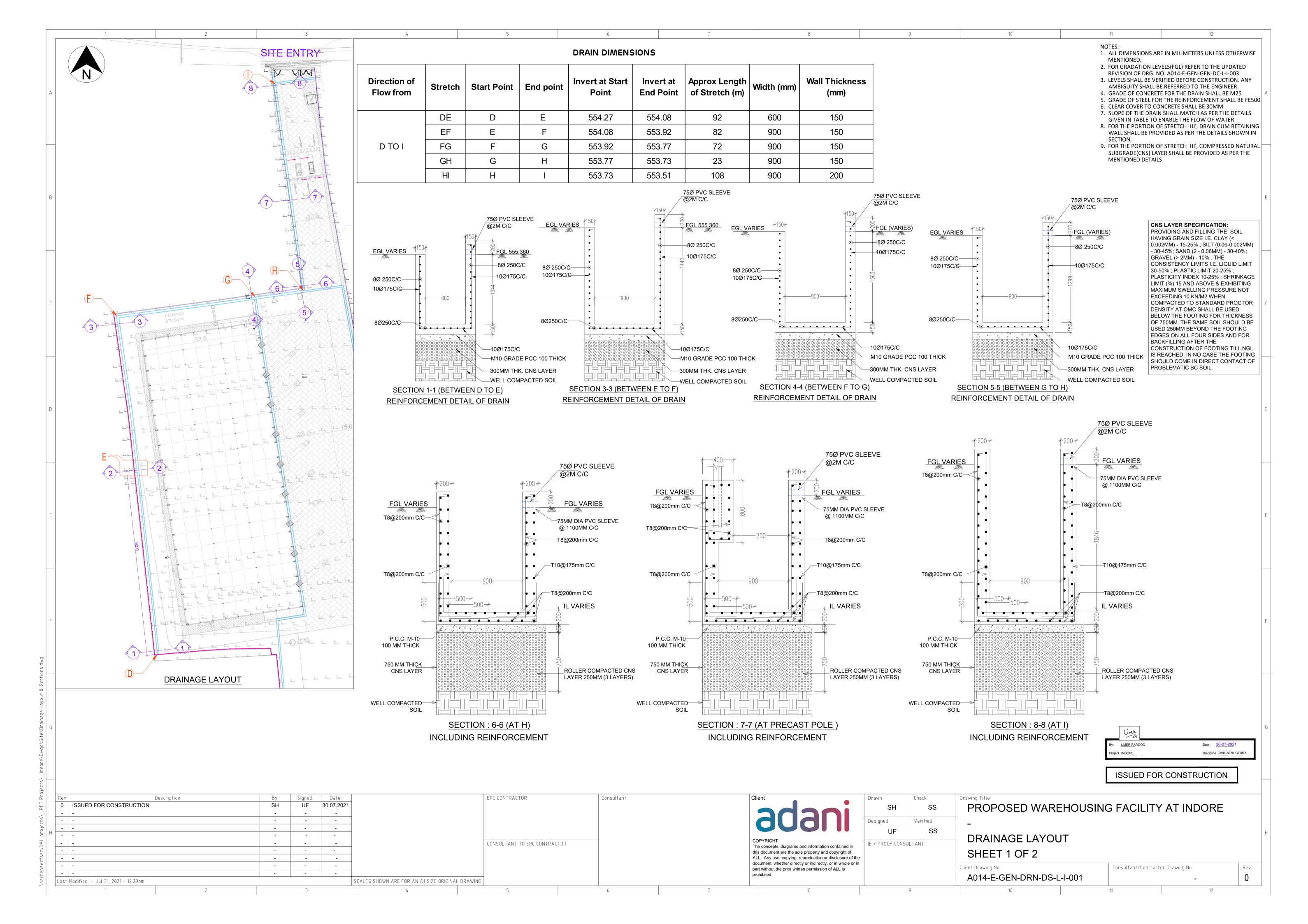
Notes :-

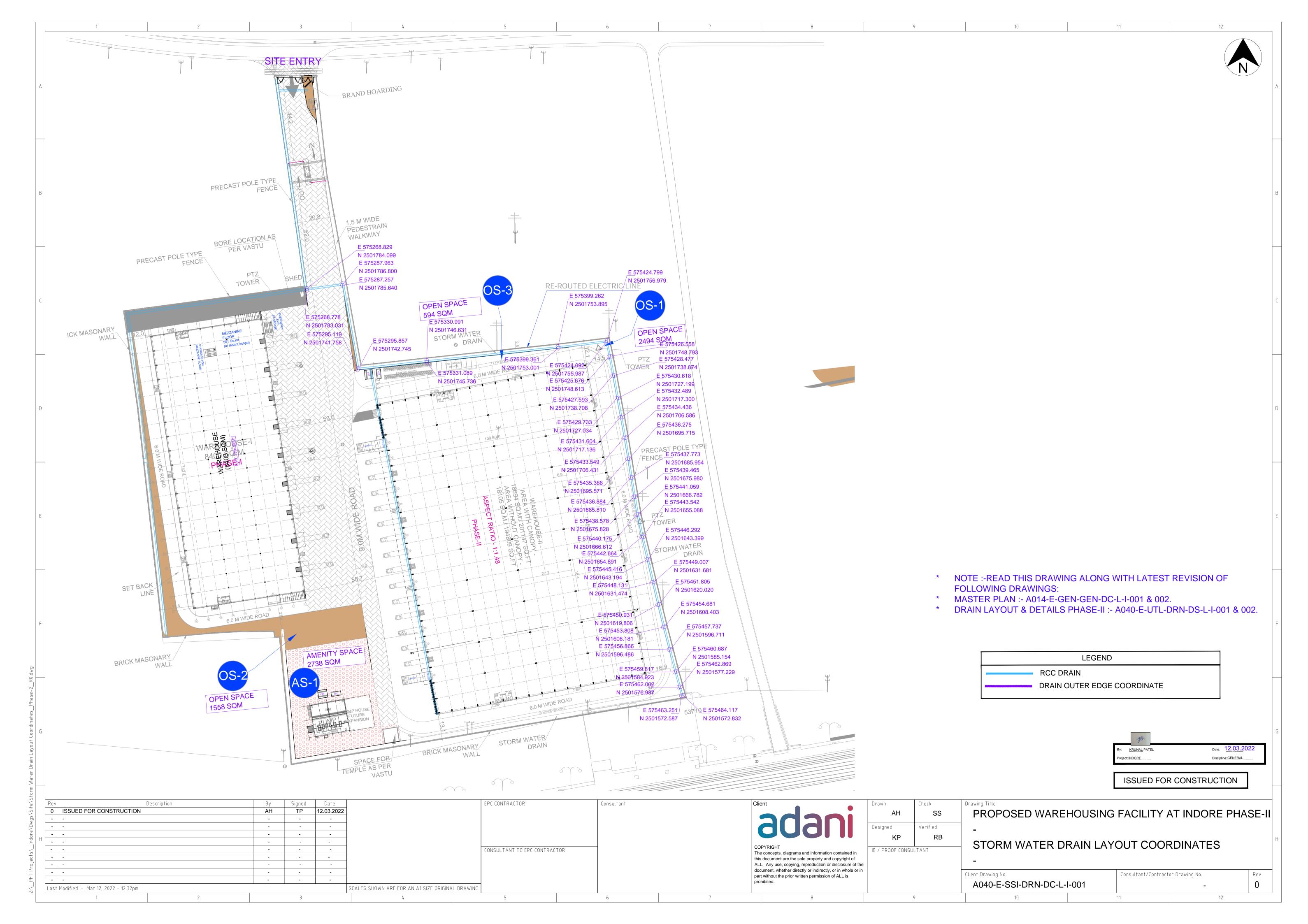
- 1. The Calibration results reported in this certificate valid at the time of and under the stated conditions of measurement
- 2.The Laboratory accepts responsibility for content of this certificate.
- 3. This Certificate shall not be reproduced except in full, without written approval of the laboratory.
- 4. This certificate is intended of only for guidance and not for legal purpose or for advertisement.
- 5. Any complaint about this certificate should be communicated in writing within 7 days of its issue.
- 6. Total liability of enviro instrument will be limited to the invoiced amount only.
- 7. In case of feedback/complaints please send an email at enviroinstruments@gmail.com

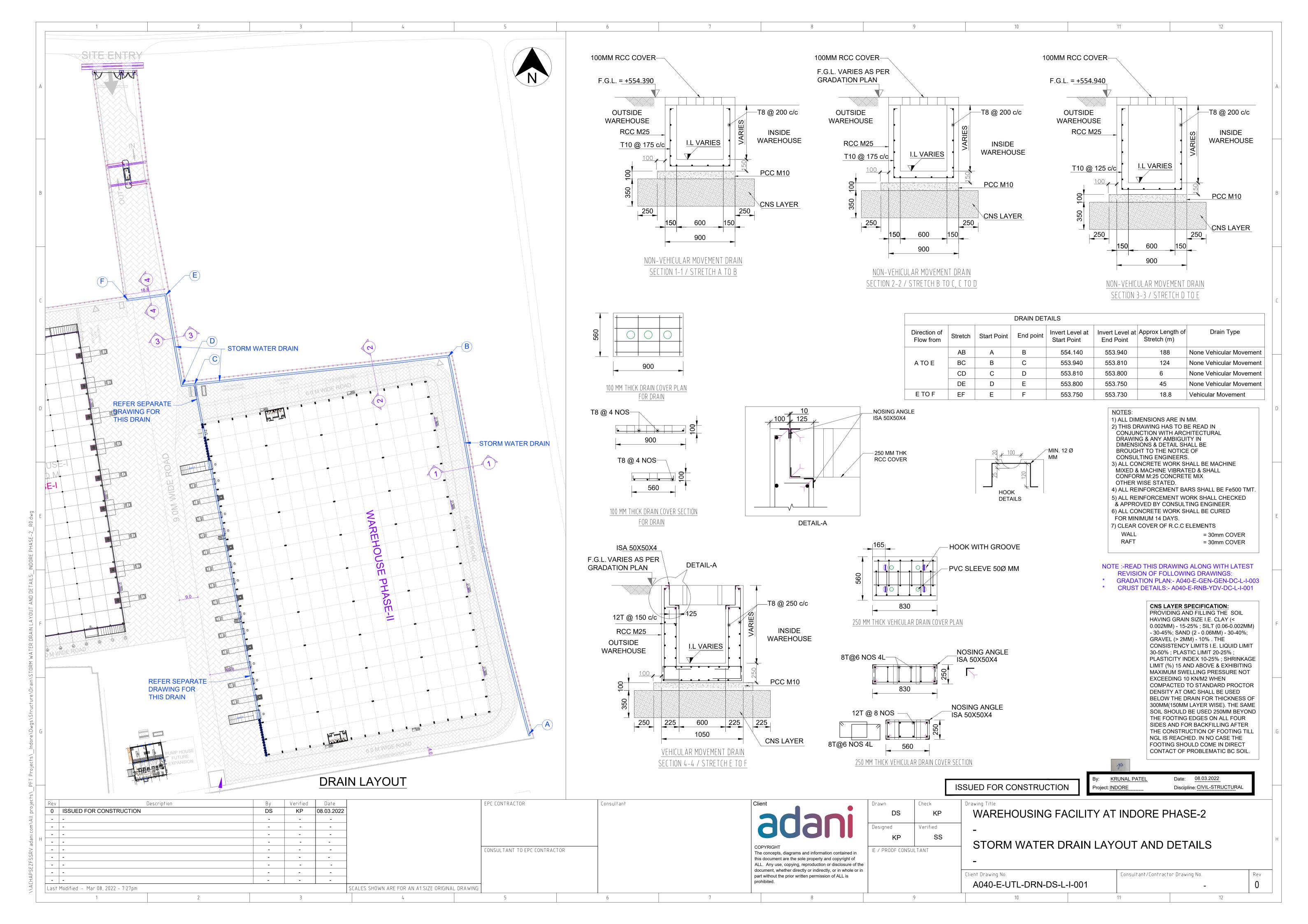
Authorized By

Gaurag Nigam (Technical Manager)

Annexure -II







Annexure -III

USER OPERATION & MAINTENANCE MANUAL

OF

20 KLD Sewage Treatment Plant at M/s Adani Logistics, Indore. (Machine No. 945)

FOR

M/s. Ceasefire Extinguishers & Fire System India Pvt Ltd.

Submitted By:

M/s. SPARKLE CLEAN TECH PVT LTD.

89, Gautam Complex, Sector 11, CBD Belapur, Navi Mumbai-400 614.





M/s. Ceasefire India Pvt Ltd.



M/s. Sparkle Clean Tech Pvt. Ltd.





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1. SUMMARY

System Description

Process	Moving Bed Biofilm Reactor Technology Based Aerobic Biological Attached Growth Type Sewage Treatment Plant	
System No	Sr. No. 945.	

1.1 INTRODUCTION

Sewage Treatment Plant installed at Adani logistics at Indore by M/s. Sparkle Clean Tech Pvt. Ltd., is to treat sewage generated from the building.

The Sewage treatment plant (STP) is designed to treat daily Sewage quantity of 20 Kilo Litre's per day (KLD). The parameters based on which the S.T.P. has been designed are provided in the next article.

The STP System consists of three stage biological wastewater treatment with following units.

Stage I: Primary Treatment:

- 1. Screening and Oil & Grease Removal
- 2. Equalization tank with coarse aeration system.

Stage II: Secondary Treatment:

- 3. MBBR tank with moving media and aeration system.
- 4. Tube settler
- 5. Sludge Recycle Pump

Stage III: Tertiary Treatment:

6. Clarifier Water Tank





- 7. Filter Feed Pump
- 8. Pressure Sand Filter (PSF)
- 9. Activated Carbon Filter (ACF)
- 10. UV System
- 11. Treated Water Tank
- 12. Sludge Holding Tank





2. **DESIGN BASIS**

Flow / Capacity Calculation:

✓ Design Flow rate : 20 m³ / day

❖ Average flow duration : 20 hours

✓ Design Average Flow rate : 1 m³ / hr.

Type of process proposed : MBBR (Moving Bed Biofilm Reactor)

Design flows and Characteristics of Sewage before treatment:

SR. NO.	PARAMETER	QUALITY	UNITS
1	Flow	20	m³/day
2	рН	6.0-8.5	
3	BOD	250-300	mg/l
4	COD	400-500	mg/l
5	TSS	250	mg/l

Expected Treated Sewage Quality

Typical treated Sewage qualities from MBBR unit are as follow (maximum values):

SR. NO.	PARAMETER	QUALITY	UNITS
1	Flow	19	m³/day
2	рН	6.5-7.5	
3	BOD	< 30	mg/l
4	COD	< 100	mg/l
5	TSS	< 30	mg/l

Note:

- 1. The system is designed based on the feed water analysis considered in column of Design.
- 2. If any changes in the feed water parameters exceeding 5% of value mentioned in feed water may affect the treated water quality and / or quantity.





3. **EQUIPMENT DETAILS**

3.1 UNITS

Sr. No	Tag. No.	Equipment Description	Qty	МОС	Volume	Dimension
1.	T-01	Equalization Tank	1	RCC By Client	5 m ³	1.2 m X 2 m X 2.5 m
2.	T-02	MBBR Tank	1	MSEP	6 m ³	1.3 m X 2 m X 2.5 m
3.	T-03	Secondary Tube Settler	1	MSEP	1 m ³	0.6 m X 1.2 m X 2.5 m
4.	T-04	Clarified Water/ Filter Feed Tank	1	MSEP	0.9 m ³	0.6 m X 0.8 m X 2.5 m
5.	T-05	Treated Water Tank	1	By Client	34.22 m ³	-
6.	T-06	Sludge Holding Tank	1	HDPE	0.5m ³	-

3.2 **EQUIPMENTS**

Sr. No.	Tag No.	Equipment Details	Qty	Size/ Capacity	HP Each	МОС
1.		Bar Screen	1			SS
2.	P-01 A/B	Raw sewage transfer pumps Type: Submersible Pump Make: KIRLOSKAR Model: 750 CW	1W +1 SB	1 m ³ /hr @ 10 MWC	1.0	CI body & Impeller
3.	P-02 A/B	Filter Feed Pump Type: Horizontal centrifugal Pump Make: KIRLOSKAR Model: GMC 128+,	1W +1 SB	1 m³/hr @ 25 MWC	1.0	CI body & Impeller





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Sr. No.	Tag No.	Equipment Details	Qty	Size/ Capacity	HP Each	МОС
4.	P-03 A/B	Sludge Recirculation Pump Type: Horizontal centrifugal Pump Make: KIRLOSKAR Model: SPO5M,CII+MS	1W +1 SB	1 m³/hr @ 10 MWC	0.5	CI body & Impeller
5.	DP-01	Alum Dosing Pump Make: Milton Roy Model: UC-11	1W	4 LPH @Max. Inj. Press. 5.5 kg/cm2		PP
6.	AB-01 A/B	Air blowers Make: Airvac Model: 24AC	1W +1 SB	35 m³/hr @ 0.3kg/cm²	2	CI
7.	V-01	Pressure Sand Filter	1W	12" Dia X 48" HOS		FRP
8.	V-02	Activated Carbon Filter	1W	12" Dia X 48" HOS		FRP
9.	UV-01	UV System Make: Sukrut UV Model: W-1-EL Series	1W	1 m³/hr		SS316
10.		MBBR Media Make: GFEC Model: 1622	1 Lot			PP
11.		Tube settler media Make: GFEC Model: TSM-120	1 Lot			PVC
12.		Fine Bubble Tube Diffusers Make : Proflex Model: TP901E	4 Nos.	2m3/hr to 10 m3/hr		
13.		Coarse Bubble Diffuser Make : Proflex Model: TP80E	2 Nos.	3m3/hr - 8m3/hr		





Sr. No.	Tag No.	Equipment Details	Qty	Size/ Capacity	HP Each	МОС
14.	OW-01	Organic Waste Converter Make: Nachiket Model: N15-25	1 W	25 Kg / Day	2 & 1	

3.3 **ELECTRICAL ITEMS**

Sr. No.	Tag. No.	Details	Capacity/ Size	Qty.	мос
1.		MCC	Suitable to accommodate all STP feeders.	1 No.	MS powdered coated
2.		Electrical Cables and accessories	Flexible PVC	1 Lot.	Flexible PVC

Abbreviation- CI- Cast Iron

SS- Stainless Steel

FRP-Fiber Reinforce Plastics

MCC- Motor Central Control

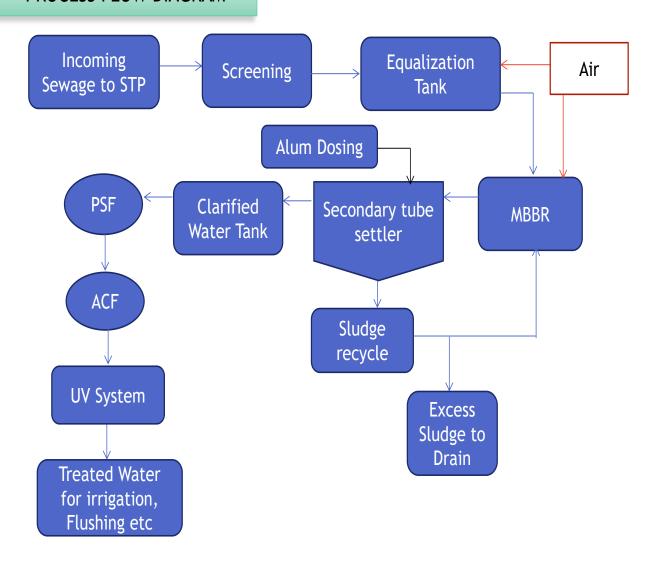
PP- Polypropylene





4. PROCESS FLOW DIAGRAM

PROCESS FLOW DIAGRAM







5. PROCESS DESCRIPTION

The following treatment processes is considered in this sewage treatment plant.

- i) Primary Treatment by Screening, Flow Equalization
- ii) Secondary treatment with Moving Bed Biofilm Reactor (MBBR) based Process.
- iii) Tertiary with Filtration & Disinfection
- iv) Sludge Treatment System

5.1 PRIMARY TREATMENT

All sewage generated is collected and transported through sewage collection pipelines to collection tank then flow to Bar Screen Chamber for removal of floating solids, rags etc. and then to Oil & Grease trap for removal of floating oil & grease. From Oil & Grease trap, the raw sewage flows to Equalization tank (T-O1). The raw sewage flow is variable according to peak loads throughout the day the purpose of equalization tank is to equalize raw sewage qualitatively and quantitatively for further uniform process. Raw sewage from collection tank is uniformly pumped to the MBBR (Moving Bed Biofilm Reactor) by raw sewage transfer pumps (P-O1A/B). Equalization Tank (T-O1) was equipped with Coarse Bubble Diffuser for homogenized mixing of incoming sewage.

5.2 SECONDARY TREATMENT

Sewage from equalization tank will be pumped to MBBR reactor, which is equipped with floating media to prevail the attached growth of microorganism. The bio media is provided of sufficient quantity suitable for the strength of the waste. The air is provided though an Air blower for 24 x7 hr to avoid death of microorganism.

The overflow from the MBBR (T-02) is flows to Tube Settler (T-03). It is provided with alum dosing and tube deck media for easy and fast settling of solids. Bio-sludge settled at the bottom is pumped back with the help of sludge recirculation pumps (P-03A/B) to the bioreactor to maintain the required concentration of MLSS and overflow will be collected in Filter Feed/Clarified Water Tank (T-04) by gravity.





To understand the system, the following terms must be understood: -

- (a) BACTERIA: Bacteria are single celled prokaryotic organisms. Their usual mode of reproduction is by binary fission. Generally, a bacterial cell contains 80% water and 20% dry material, out of which 90% is organic & 10% is inorganic.
- **(b) BIO CHEMICAL OXYGEN DEMAND (BOD):** It is the demand of dissolved oxygen by bacteria and other microbes in the bio- chemical oxidation of Organic matter.
- (c) MIXED LIQUOR SUSPENDED SOLIDS (MLSS): The suspended solids concentration is the Aeration tank is referred as Mixes Liquor Suspended solids. It is an index of the mass of active microorganisms in the Aeration tank. As illustrated before MLSS in aeration tank indicates the presence of both active and dead bacterial cells. The level of MLSS that should be maintained depends upon the desirability of treated water quality. MLSS level of 300 -400 ml /lit would be optimum in a MBBR type aeration tank.
- **(d) RETURN ACTIVATED SLUDGE (RAS):** The purpose of the return of activated sludge to Aeration tank from Sludge Sump is to maintain a sufficient concentration of activated sludge in the tank so that required degree of treatment can be obtained in the limited time interval.
- **(e) FOOD TO MASS RATIO (F/M):** It is the ratio between amounts of Organic material available to microbial population. In other words, it is the ratio between BOD in Kg and MLSS in kg. A proper F/M can be achieved by increasing or decreasing the rate of return activated Sludge (RAS) from tube settler.

5.3 TERTIARY TREATMENT

Biologically treated Sewage from secondary tube settler is collected in **Filter Feed/Clarified Water Tank** (T-04). The water is pumped by **filter feed pump** (P-02A/B) to **PSF** (V-01) and **ACF** (V-02) for further removal of trace solids, odor, from treated water after disinfecting by Ultraviolet (UV) treated sewage will collected in **Treated water tank** (T-05).

TREATED WATER DISPOSAL: Treated Sewage collected in **Treated water tank** (T-05) which can be used for gardening, flushing, HVAC water etc.

5.4 SLUDGE TREATMENT

Part of Sludge settled at Tube settler bottom will be recycled to MBBR tank (T-02) and other excess part of sludge sent to Sludge Holding Tank (T-06).





6. STANDARD OPERATING PROCEDURE

6.1 BAR SCREEN

• This unit is provided for removal of floating solids, rags etc.

Normal Operation of BAR SCREEN

- Sewage inlet into the bar screen.
- Manually clear the entire trap floating solids, rags etc. from the screen.

6.2 EQUALIZATION TANK

- This unit is provided for equalizing the hydraulic and organic fluctuations in the sewage.
- Pumps are provided with level switch for auto shut off at no sewage conditions in the tank.

Normal Operation of Equalization Tank:

- 1. Sewage inlet into the equalization tank.
- 2. Check the sewage level inside equalization tank & start the raw sewage transfer pump after sufficient level is achieved in equalization tank.
- 3. Raw sewage transfer pumps are provided with level switch for dry run protection of the pumps. Air blowers and pumps can be operated on manual selection by selecting respective or auto operation mode by turning switch to auto mode then pump will operate within low and high level switch limit. In auto mode pumps will run on auto change over timer base function. Change over timer is settable.
- 4. The same pumps can be used for transferring sewage to MBBR tank or bypass line.

Precautions to be taken before operating Raw Sewage Transfer Pumps:

- 1. Check equalization tank is with adequate level of sewage.
- 2. Turn on air blowers & check aeration is happening inside equalization tank.
- 3. Start the pump (P-01A/B) and open the valve on delivery line slowly.





- 4. Check sewage is being transferred smoothly till MBBR.
- 5. Run each pump for a two hour shift then change to the other pump for trouble free operation. In auto mode pump will shift over automatically.

6.3 <u>SECONDARY TREATMENT (MBBR & Tube Settler)</u>

- This unit is provided for biological degradation of the organic matter present in sewage. For effective mixing, oxygen supply and maintain MLSS, Air Blowers equipped with fine diffusers. Once sewage inlet given to equalization and MBBR tank then air blower should be run continuously.
- Flow from raw sewage transfer pump (P-01A/B) discharge and sludge recirculation pump (P-03A/B) enters at inlet of the MBBR.
- The sewage after MBBR reactor will flow to Tube settler respectively for physical separation of sludge and semi treated water by gravity. Alum dosing is given for fast settling of sewage.
- Sludge settled at Tube settler bottom will be removed by using sludge recirculation pump (P-03A/B) and recycled back to MBBR inlet.
- The excess sludge will be directed to Sludge Holding Tank (T-06) for further sludge treatment.

Normal operation of the system will be in following sequence:

- Allow the reactor to fill by raw sewage flow from equalization tank.
- 24X7 hours Oxygen supply and mixing in the aeration tanks are achieved using Air Blower equipped with fine diffusers.
- Ensure that sludge recirculation pump is in operation. While starting the recycle pump, open the suction valve of the secondary tube settler tank and discharge valve at MBBR tank. Then open suction & delivery valves of the sludge recirculation pump.
- Sludge recirculation Pumps can be operated on manual selection by selecting respective pump or auto operation mode by turning switch to auto mode. In auto





mode pumps will run on auto change over timer base function. Change over timer is settable.

• The overflow from the Tube Settler (T-03) is flows to Clarifier Water Tank (T-04).

Precautions to be taken:

- Regular operation of STP shall be started when MLSS level in aeration tank reaches above 300 – 400 ml/l.
- Mixed liquor sample should be checked regularly in laboratory for MLSS.
- Incoming sewage should have domestic quality as per influent parameter. There should not be industrial sewage mixed with domestic sewage, otherwise the biological treatment will not work, and the effluent quality will not be met.
- Very lean or very high variation in feed water parameters may affect the treated water quality.
- Continuous air in aeration tank is essential for process.
- Read & follow equipment manual along with above instructions.
- Ensure electrically operated equipment is connected with suitable and stable power supply as per required equipment guidelines.
- Run each pump for two hour shift then change to the other pump for trouble free operation. In auto mode pump will shift over automatically.

6.4 TERTIARY TREATMENT

- From the Secondary Tube Settler, the biologically treated sewage continuously flows into the hold sump i.e., Clarifier Water Tank from where it is pumped into Tertiary treatment system.
- Filter feed Pumps(P-02A/B) are provided with level switch for auto shut off at no sewage conditions in the Clarifier Water tank and high level if treated water tank to avoid overflow.





- Biologically treated sewage will pass through the PSF, ACF & UV.
- Treated sewage pass through UV system for disinfection. Operation of UV is interlock
 with filter feed pump. First turn ON selector switch of UV on control panel. When filter
 feed pump run at that time UV will ON automatically.

6.4.1 PRESSURE SAND FILTER

Vertical Pressure sand filters are meant for increased flow rates compared to gravity sand filters and can treat water of turbidity up to 5 NTU. Fine grade of filter sand ensures trapping of suspended solids efficiently. The sand bed is supported by other graded filter media through which water flows uniformly.



The upper layers of the sand perform the actual filtration function. The gravel layers merely provide physical support to the upper sand layers.

The sand used in the PSF is not ordinary construction sand: It has particle size in a specific range, and is specially sieved for this purpose.

Think of a sand filter as a 3D ("in depth") filter, as compared to planar filters like a tea bag or tea strainer. Here, the filtration occurs along the entire depth of the sand layer. The solid particles in the water get entrapped and enmeshed in the spaces between the sand particles.

Gradually, the space between sand particle gets filled with incoming solids. This blocks the passage of water through the sand layer. As a result, the pressure at the outlet drops rapidly²¹, and wastes the pumping power, and reduces the throughput of the filter.

When the pressure drops beyond a limit, the sand is cleaned by backwashing of the filter (backflushing) with water, in which water is passed in the reverse direction (from outlet to inlet). This process agitates, fluidizes and expands the sand bed. The backwash water carries away the lighter pollutant solid particles as backwash waste.

6.4.1.1 OPERATION OF PSF

The complete filtration operation involves **Filtration and Back-washing**.

Filtration is accomplished by shifting multiport valve to SERVICE MODE and by passing the wastewater through a filter bed composed of granular material. The filtration operation is carried out in a closed vessel under pressurized condition, achieved by pumping. The end of





the filter run is reached when the pressure in the Filter increases due to the settling of the solids on the filter media. As the dirt accumulates at the top of sand layer, the pressure difference at inlet and outlet increases.

Backwashing is done to remove the solids from the media surface. When the pressure difference exceeds 0.5 kg/cm², the unit requires backwashing. This is done by shifting multiport valve to BACKWASH MODE and by reversing the flow through the filter bed. A sufficient flow of wash water is applied until the granular filtering media is fluidized and the water coming out of the filter bed is visibly clear.

Rinse is accomplished by shifting multiport valve to RINSE MODE and by passing the wash water through a filter bed composed of granular material. In backwash mode flow of water is reverse hence layer of granular material is unbalanced. Hence in this mode all granular media settled down by passing water. After completion of Rinse cycle, vessel is again ready for Filtration. Duration of rinse cycle is 5 min.

6.4.1.2 TROUBLESHOOTING:

Problem	Cause
Excessive pressure drop across filter	Poor operation/ maintenance
Progressively poor filtration efficiency	Poor operation/ maintenance
Very low pressure drop across filter	"Mud balls" formed in filter, discrete sand particles have agglomerated, leading to poor filtration

6.4.2 <u>ACTIVATED CARBON FILTER:</u>

Activated carbon treatment in wastewater is provided as a polishing process to remove dissolved organic matters which are not degraded in the secondary treatment. Sand filtration is generally provided prior to carbon column to prevent the deposition of solids on carbon and hence it's fouling.





A fixed bed column is used as a means of contacting wastewater with activated carbon. The water is applied to the top of the column and withdrawn at the bottom. The carbon is held in place with an under-drain system at the bottom of column. Provision for backwash and surface wash is necessary. Carbon regeneration/ replacement are necessary when the adsorption capacity of carbon is exhausted.



This filter uses the adsorption action of activated carbon.

Activated carbon is typically manufactured from coconut shell or charcoal, the "activation" process creating a highly porous material with a very large surface area. Organic pollutant molecules are physically adsorbed and held fast within the catacomb-like porous structure of the activated carbon. Granular activated carbon is typically used for this purpose.

The water filtered by the Pressure Sand Filter enters the Activated Carbon Filter.

Unlike in the case of the sand filter, trapped molecules in the carbon cannot be backwashed and got rid of. Hence, activated carbon in the filter has a finite capacity to adsorb and hold the pollutants, after which the carbon is said to be exhausted. The exhausted material is removed from the filter and disposed off: Fresh activated carbon is charged in the filter.

6.4.2.1 OPERATION OF ACF

The operation of Carbon column is like Pressure Sand Filter. Though frequent backwashing is not required for this system, backwashing once a day can be done to remove the solids escaped from PSF settling on the media.





6.4.2.2 **TROUBLESHOOTING**

Problem	Cause
Excessive pressure drop across filter	Poor operation/ maintenance
Progressively poor filtration efficiency	Poor operation/ maintenance
Very low pressure drop across filter	"Mud balls" formed in filter, discrete sand particles have agglomerated, leading to poor filtration

Precautions to be taken:

- Ensure that filter feed pumps suction and discharge valve in open condition and PSF and ACF multiport valve in service mode.
- Check discharge flow filter feed pump if excess then control discharge valve of pump.
- Turn OFF selector switch of UV when PSF and ACF in backwash mode.
- Check DP of PSF and ACF.
- Run each pump for a two hour shift and then change to the other pump for trouble free operation. In auto mode pump will shift over automatically.





7. CONTROL PANEL

7.1 START UP PROCEDURE

- 1. Connect Three Phase 415 VAC, 50 Hz power supply to the plug point provided on the Panel, put main incomer MCCB inside the panel to "ON" position.
- 2. Release emergency switch
- 3. Put 2P, 6Amps Control MCB to "ON" position.

7.2 STOPING PROCEDURE:

For stopping the machine in emergency, press emergency stop switch. For normal stopping, put Power switch to "OFF" position and MCCB inside the panel also to "OFF" position.

7.3 SWITCHING OPERATION DETAILS:





(B)

Indicators indicates three phases A.C. voltage supply. i.e., 415 VAC.

CONTROL SUPPLY

OFF ON

During operation, put this switch to the "ON" mode. So that the panel is energized with the 230 volts ac Supply.

ALUM DOSING PUMP

OFF ON

Put this switch to ON mode as per requirement in normal operation of the plant.

So that filter press feed pump will start working.

UV SYSTEM

OFF ON

Put this switch to ON mode as per requirement in normal operation of the plant.





RAW SEWAGE TRANSFER PUMP

MAN. OFF AUTO

In auto operation of the plant put this selector switch to AUTO mode. The pump will changeover automatically after every 2 hrs. (Changeover time is settable). In order to start pump manually, put this switch to manual mode and then select the pump by selector switch provided on panel door.

RAW SEWAGE TRANSFER PUMP

P01A OFF P01B

In manual operation of the plant, pump can be select by this selector switch. Put this switch to PO1A mode, Pump PO1A will be start and by selecting PO1B mode Pump PO1B will be start working.

SLUDGE REC. PUMP

MAN. OFF AUTO

In auto operation of the plant put this selector switch to AUTO mode. The pump will changeover automatically after every 2 hrs. (Changeover time is settable). In order to start pump manually, put this switch to manual mode and then select the pump by selector switch provided on panel door.

SLUDGE REC. PUMP

P03A OFF P03B

In manual operation of the plant, pump can be select by this selector switch. Put this switch to PO3A mode, Pump PO2A will be start and by selecting PO3B mode Pump PO3B will be start working.

FILTER FEED PUMP

MAN. OFF AUTO

In auto operation of the plant put this selector switch to AUTO mode. The pump will changeover automatically after every 2 hrs. (Changeover timer is settable). In order to start pump manually, put this switch to manual mode and then select the pump by push button provided on panel door.





FILTER FEED PUMP

P02A OFF P02B

In manual operation of the plant, pump can be select by this selector switch. Put this switch to P02A mode, Pump P02A will start and by selecting P02B mode, Pump P02B will be start working.

AIR BLOWER

MAN. OFF AUTO

In auto operation of the plant put this selector switch to AUTO mode. The blower will changeover automatically after every 2 hrs. (Changeover time is settable) continuously without any stop. In order to start blower manually, put this switch to manual mode and then select the pump by push button provided on panel door.

AIR BLOWER

AB:01 OFF AB:02

In manual operation of the plant, pump can be select by this selector switch. Put this switch to AB: 01 mode, Blower-1 will be start and by selecting AB: 02 mode Blower-2 will be start working.

EMERGENCY STOP

This red color switch can be used to instantaneously stop the machine. In case of emergency. For restarting the machine rotate the switch clockwise.

PUMP TRIP (BUZZER)

If any of the pump get overload by its current carrying capacity buzzer give and whole plant will stop.

INDICATOR

LAMPS

Indicators for ON (Green) status of the pump is provided on the panel door.





8. OPERATION & MAINTENANCE OF STP

Maintenance comprises those operations, which are well-planned systematic program of maintaining the machinery by taking appropriate steps to prevent breakdown well in advance before it causes major damage. This prevents wastage of time, production loss and prolongs the life of machines. It can be classified as (a) preventive maintenance, which constitutes works and precautions to be taken to prevent breakdown and (b) corrective maintenance, which involves carrying out repairs after breakdown. Preventive maintenance is more economical than corrective maintenance and provides uninterrupted service, which is essential to achieve the basic objectives of treatment, viz. protection of health of the community and prevention of nuisance.

The primary aim of sewage treatment plant operation is the running and maintenance of the plant, efficiently and economically so that the sewage from the plant meet the prescribed standards in terms of BOD/COD/SS/pH etc. laid down by the local body or any other statutory body while discharging the sewage safely in public sewer, on land or in the water body.

The basic requirements of successful operation and maintenance of Sewage treatment plants are:

- 1. A thorough knowledge of plant and machinery and equipment's provided in the treatment plant and their functions.
- 2. A thorough knowledge of the process.
- 3. Proper and adequate tools
- 4. Adequate stock of spare parts and chemicals
- 5. Assignment of specific maintenance responsibilities to operating staff
- 6. Systematic and periodic inspection and strict adherence to servicing schedule.
- 7. Training of all operating staff in proper operating procedures and maintenance practices
- 8. Overall supervision of operation and maintenance schedules
- 9. Good house keeping





- 10. Proper logging of all operation / maintenance activities
- 11. Observation of safety precautions & procedures.
- 12. Provision for water supply for drinking and other uses.

Better plant operation is possible only when the operating maintenance and laboratory staff are fully conversant with the characteristics and composition of Sewage handled and the results achieved during each state or unit of the treatment process.

Operation and preventive maintenance of several treatment units and the frequency of cleaning, lubrication of mechanical equipment's etc. are to be strictly adhered to if optimum results are to be expected.

8.1. OPERATION OF STP

Step-1: The operator of the Sewage Treatment Plant must check the various equipment & their components for any faults. He should check whether all the parts that need oiling are properly oiled and ready.

<u>Step-2</u>: The operator should now check the level of Sewage in the equalization tank and start the Air blower in the equalization tank only when the aerator is in contact with Sewage.

<u>Step-3</u>: The operator should start the pump that feed to the MBBR tank. Once sewage inlet given to equalization and MBBR tank then air blower should be run continuously.

<u>Step-4</u>: The Sewage from MBBR tank flows to the Tube deck clarifier. He should start the sludge recirculation pump. The sludge during normal operation should be pumped only to the MBBR tank.

<u>Step-5</u>: The clarified water flows to the clarified water tank. Once water sufficient level is reached in Clarified water tank operator may start Filter feed pumps in auto mode. It is to be ensured that valves at delivery of the pumps are open. Water will be passed through PSF & ACF.

- For proper operation of biological treatment, it is necessary that pH should not be highly acidic or highly alkaline. Normally pH should be within 7.0 & 8.0.
- For uniform loading the equalized sewage is to be pumped at a constant rate.
- The biological action for reducing organic load requires activated sludge. Therefore, it is





necessary to add activated sludge from any of the existing industrial sewage treatment plants or using cow dung.

- Qualitative shock loads must be avoided in case of biological treatment. In case it receives
 any shock loads, and the microbial culture dies out, and fresh sludge needs to be added.
 This qualitative shock load can occur in case of sudden change in the process, presence of
 any heavy metals etc. In that case, the heavy metals need to be eliminated separately.
- Microbial activity is measured by the amount of MLSS present in the Aeration tank. MLSS should be maintained around 6000 - 8000 mg/lit.
- Lastly but not the least, in case of power failure, the aerators and the sludge transfer pumps should be run continuously.

8.2. PREVENTIVE MAINTENANCE

Maintenance comprises those operations, which are well-planned systematic program of maintaining the machinery by taking appropriate steps to prevent breakdown well in advance before it causes major damage. This prevents wastage of time, production loss and prolongs the life of machines. It can be classified as:

- (a) Preventive maintenance, which constitutes works and precautions to be taken to prevent breakdown.
- (b) Corrective maintenance, which involves carrying out repairs after breakdown.

Preventive maintenance is more economical than corrective maintenance and provides uninterrupted service, which is essential to achieve the basic objectives of treatment, protection of health of the community and prevention of nuisance.

The primary aim of sewage treatment plant operation is the running and maintenance of the plant, efficiently and economically so that the sewage from the plant meet the prescribed standards in terms of BOD/COD/SS/pH etc. laid down by the local body or any other statutory body while discharging the sewage safely in public sewer, on land or in the water body.

The Control Panel installed in the Plant should be periodically checked by a qualified electrician. If there is any short circuit or if the starter doesn't get tripped, the fault should be immediately rectified.





General Maintenance Precautions

- Do not run the Pump dry for long time.
- The system is equipped with stand by pump, so the operator should rotate operations between duty/standby pumps or blowers.
- All equipment's supplied in this Packaged STP should be used only for its desired use only.
- The Bearing should be lubricated periodically as per maintenance schedule provided by equipment manufacturer.
- If the Pump is idle for some time, it may get stuck or locked in one place. The free end of the shaft should be given a little jerk to ensure free rotation.
- The following maintenance time table should be followed to get optimum performance from the all rotatory equipment.

Daily: Record data in log sheet. Monitor housekeeping for maintaining good condition of system and equipment.

Monthly: Check pipe connections and Valves installed in the line for blockages. Check Lubrication levels of rotatory equipment such as blower, pumps etc.

Quarterly: Carry out preventive maintenance of equipment like Lubrication, greasing, oil top-up/replacement.

Yearly: Replace shaft sleeve, Mechanical Seal, pulley, belt, bearings, Impeller Vanes, starter in the panel and other worn out parts (if required).

The basic requirements of successful operation and maintenance of Sewage treatment plants are:

- ✓ A thorough knowledge of plant and machinery and equipment's provided in the treatment plant and their functions.
- ✓ A thorough knowledge of the process.
- ✓ Proper and adequate tools.
- ✓ Adequate stock of spare parts and chemicals.
- ✓ Assignment of specific maintenance responsibilities to operating staff.





- ✓ Systematic and periodic inspection and strict adherence to servicing schedule.
- ✓ Training of all operating staff in proper operating procedures and maintenance practices.
- ✓ Overall supervision of operation and maintenance schedules.
- ✓ Good housekeeping.
- ✓ Proper logging of all operation / maintenance activities.
- ✓ Observation of safety precautions & procedures.
- ✓ Provision for water supply for drinking and other uses.

Better plant operation is possible only when the operating maintenance and laboratory staff are fully conversant with the characteristics and composition of Sewage handled and the results achieved during each state or unit of the treatment process.

Operation and preventive maintenance of several treatment units and the frequency of cleaning, lubrication of mechanical equipment's etc. are to be strictly adhered to if optimum results are to be expected.





8.3. MAINTENANCE REGIME

8.3.1. EQUIPMENT'S MAINTENANCE:

SR. NO	Name of section or part to be attended	Maintenance to be carried out	Frequency/time interval at which inspection and maintenance to Be done	Remarks
1.	Glands /	Changing of Gland	Two months/after 1years	
	Mechanical seal	packing	for	
			Mechanical seal	
2.	Bearings	Lubrication (greasing)	Two months	Check for saponification.
				Resulting in whitish color.
3.	Caugas	Charling of prossure	Three months	Wash out with kerosene.
3.	Gauges	Checking of pressure and vacuum Gauges.	mree months	
4.	Valves	Changing of gland	Six months	
		packing in delivery		
		sluice valve, suction		
		valves, bypass valve.		
		Reflux		
		Valve.		
5.	Exhaust pump and	Checking of gland	Six months	
	its auxiliaries.	packing & its auxiliaries		
		etc.		
6.	Impeller.	Checking of impeller	One Year	
		blades. Sleeves		
		efficiency rings, bearings		
		necking impeller nut etc.		
7	Belt	Checking of belt of air	One month	
		blower		





8.3.1. ELECTRICAL MOTORS MAINTENANCE:

SR. NO.	Name of section or part to be attended	Maintenance to be carried out	Frequency/time interval at which inspection and maintenance to Be done	Remarks
1.	Bearings	Proper lubrication	Two months	•
2.	Windings	Checking of motor after taking out its Rotor. Dust blowing. Checking of end connections of stator. Rotor and taking insulation test. No load rest before putting the Motor on load.	Two years	
3.	Pumps	Check alignment of motor & pumps for coupled set	Weekly	





9. STROUBLE SHOOTING: OPERATION PROBLEMS IN STP

Signs & Symptoms (1)	Possible Causes (2)	Suggested Action (3)
Tube Settler		
1. Floating sludge in all Tanks.	Accumulated sludge decomposing in the tank and buoyed to the surface.	Remove sludge more completely and more often.
2. Floating sludge not in all tanks	Affected tanks receiving too much Sewage.	Reduce flow to affected tanks.
3. Bubbles rising in tanks	Septic conditions	Report and empty tank completely as soon as possible.
4. Contents black and Odorous.	Septic Sewage or strong digester supernatant.	Act to eliminate septic condition by improving hydraulics of sewer system Pre-aeration of organic industrial wastes admitted to the system etc. or improve digester operations as to have improved quality supernatant: or reduce flow into setting tank or bypass completely supernatant to lagoons etc. till situation improves.
5. Excessive setting in inlet channels	Velocity too low	Reduce cross sectional area by installing inner wall of suitable material along one wall of channel: or agitate with air, water or otherwise to prevent deposition.
6. Excessive suspended matter in sewage-all tanks	Accumulated sludge Flow through tanks too fast (over loading) Humus sludge or under drainage returned too fast.	Clean tanks more often. Report and get the loading reduced pumping rate.
7. Excessive suspended matter in sewage–not all Tanks.	Some tanks receiving too much Sewage.	Reduce flow to affected tanks.





Signs & Symptoms	Possible Causes	Suggested Action
(1)	(2)	(3)
8. Excessive floating matter in the sewage.	Detective scum boards or none.	Repair scum boards or install new ones.
9. Sludge pipes choke	Sludge too thick	Clean more often.
10. Intermittent surging of flow	High intermittent pumping rates.	Adjust pumping rates to keep close to rates of flow of install or adjust baffling to reduce inlet velocity and to have effective flow distribution across the width of tank.
11. Sludge hard to remove from hopper.	High content of grit and /or clay Low velocity in withdrawal line.	Reduce grit Content: or reduce clay content: or rod the clogged lines. Pump sludge more often: or change sludge piping.
Activated sludge.		
1. Change in sludge Volume index.	High soluble organic loads in Sewage.	Decrease aeration liquor suspended solids: or bulking of activated sludge may be controlled by proper application of chlorine to return sludge: or control sludge index by converting deposited sludge to activated sludge
2. Rising sludge (in setting tanks)	Due to excessive nitrification	Increase the rate of return activated sludge from the final set-ting tank: or decrease the rate of flow of aeration liquor into the tank or increase the speed of sludge collecting mechanism in the final setting tank to increase rate of removal of sludge: or decrease nitrification by reducing aeration or lowering the detention period.
3. Frothing	Synthetic detergents cause, frothing. The froth increases with decrease in	Use water sewage or clarified Sewage sprays in the frothing areas. or apply deferments in small





Signs & Symptoms (1)	Possible Causes (2)	Suggested Action (3)
	aeration liquor suspended solids or increase in aeration, increase in degree of purification of Sewage or increase in atmospheric temperature.	quantities to tank surface (repeated dosing is necessary) or increase aeration liquor SS concentration.





ANNEXURE-01: TEST RECOMMENDED TO BE CARRIED OUT

Treatment Stage/Unit	TSS	MLSS	COLOUR	рН	BOD	COD	Oil &Grease
Inlet Sewage	٧		٧	٧	٧	٧	V
MBBR Sample		٧	~	٧	٧	٧	
Filter Feed Tank Sample	٧		٧	٧	٧	٧	
ACF Outlet after UV treatment	٧		٧	٧	٧	٧	٧

ANNEXURE-02: LOG SHEET FOR ANALYSIS

Location/Shifts	Inlet Sewage		MBBR Sample		Filter Feed Tank Sample			ACF Outlet after UV				
	- 1	Ш	III	- 1	Ш	Ш	ı	II	Ш	I	II	Ш
рН												
TSS				NA	NA	NA						
Colour												
MLSS	NA	NA	NA				NA	NA	NA	NA	NA	NA
BOD												
COD												
Oil & Grease				NA	NA	NA	NA	NA	NA			

NA: Not Applicable

Note: BOD & COD analysis shall be done periodically (After every 15 days)





ANNEXURE-03: OPERATIONAL LOG SHEET OF SEWAGE TREATMENT

DATE:

TIME	pl	н		v Sewage sfer Pump Air Blow		Air Blower R		dge ulation mp		r Feed Imp	Flow (M³/Hr.)
	Raw	Treat	P-01A	P-01B	AB-1	AB-2	P03-A	Р03-В	P-02A	P-02B	

I st shift Op	erator:		Chemist's:								
II nd shift O _l	perator:		Plant In-charge:								
III rd shift O	perator:										





ANNEXURE-04: MAINTENANCE LOG SHEET

(To be used for individual Equipment Separately)						
Name Of Equipment						
Make						
Model						
Serial Number						
Date Put into Service						

Date	Maintenance Description with Activities Carried Out	Maintenance Performed By	Date & Time of Restarting of Equipment After Service	Next Maintenance Planned On	Remarks



SPARKLE CLEAN TECH PVT. LTD. Always moving forward...

SPARKLE CLEAN TECH PVT LTD

INSTALLATION AND COMMISSIONING REPORT

1. Customer Details

Report No.

Date: 17/04/23

Name & Address	M/s Adani Logistics Ltd ,Pitampur , Indore		
Contact details	Person Name: Mr. A. Manikandan /Mr. Zulfikar Ali Ansari		
	Office Tel.No:		
	Office Fax.No:		
	Email ID :		

2. Project Details:

Project Name	SEWAGE TREATMENT PLANT M/C NO. 945

3. Site Address:

Remarks	-Plant successfully installed as per approved drawings and tested all pumps, pipeline, air blowers and diffusers by using plain water.
to the second	-Plant operation training session conducted.

4. Action Taken:

Sr.No	Particular	Remark	As on dated
1	System installed & commissioned successfully	YES / NO	
2	Trial run conducted	(YES / NO	
3	Training conducted	YES / NO	17/04/2
4	Equipment is operational by using operation manual	YES / NO	1+10912
5	Operating manual & commissioning report handed over.	YES / NO	
6	System is working satisfactorily	YES / NO	

Parameters to be recorded during commissioning:

1 Flow Rate a)Net Output 2 Product Parameter	THE RESERVE THE PARTY OF THE PA
2 Product Parameter NA	Tested
(a)	
b)	



SPARKLE CLEAN TECH PVT. LTD.

Always moving forward...

	(c)		
	(d)		
	(e)		
	f)	NA	
3	Pressure		
	a)		
	b)		
	(c)		

Engineers/Supervisor details at site:

Engineers/Supervisor	Sparkle Clean Tech Pvt Ltd	Customer representative details
Name	Mr. Rahul Chavan	Zulokarali
Signature	Pas	Quilcha

Customer remark if any

-) with water commissining A. Not for 1. MANIMON 1. MANIMON

Place:

Date:

Note: Enclose additional sheet if required



SPARKLE CLEAN TECH PVT. LTD. Always moving forward...

Training Attendance Sheet

Program Name:	Mandatory Training at site for new workforce at site		
Topics covered:	Operation & Maintenance of STP		
Project Name:	Sewage Treatment Pla	nt	
Trainer Name	Mr. Rahul Chavan	Signature: Rous	
Date: 17/06/23	Location: STP	Time: 10006	

SI. No	Name of the participant	Trade / Designation	Signature
1	Josh Gupta	Property	0 4-23
2	Josh Gupta Ashfaque Ansas (Ceoceps	Act Marrages	AM
3	A. MANIKANDON	ASSU. Marcy	A.N. So
4			
5			
6			
7			
8			
9			
10			
11			4
12			
13			
14			

STP





Water meter from Equalization tank to MBBR Tank







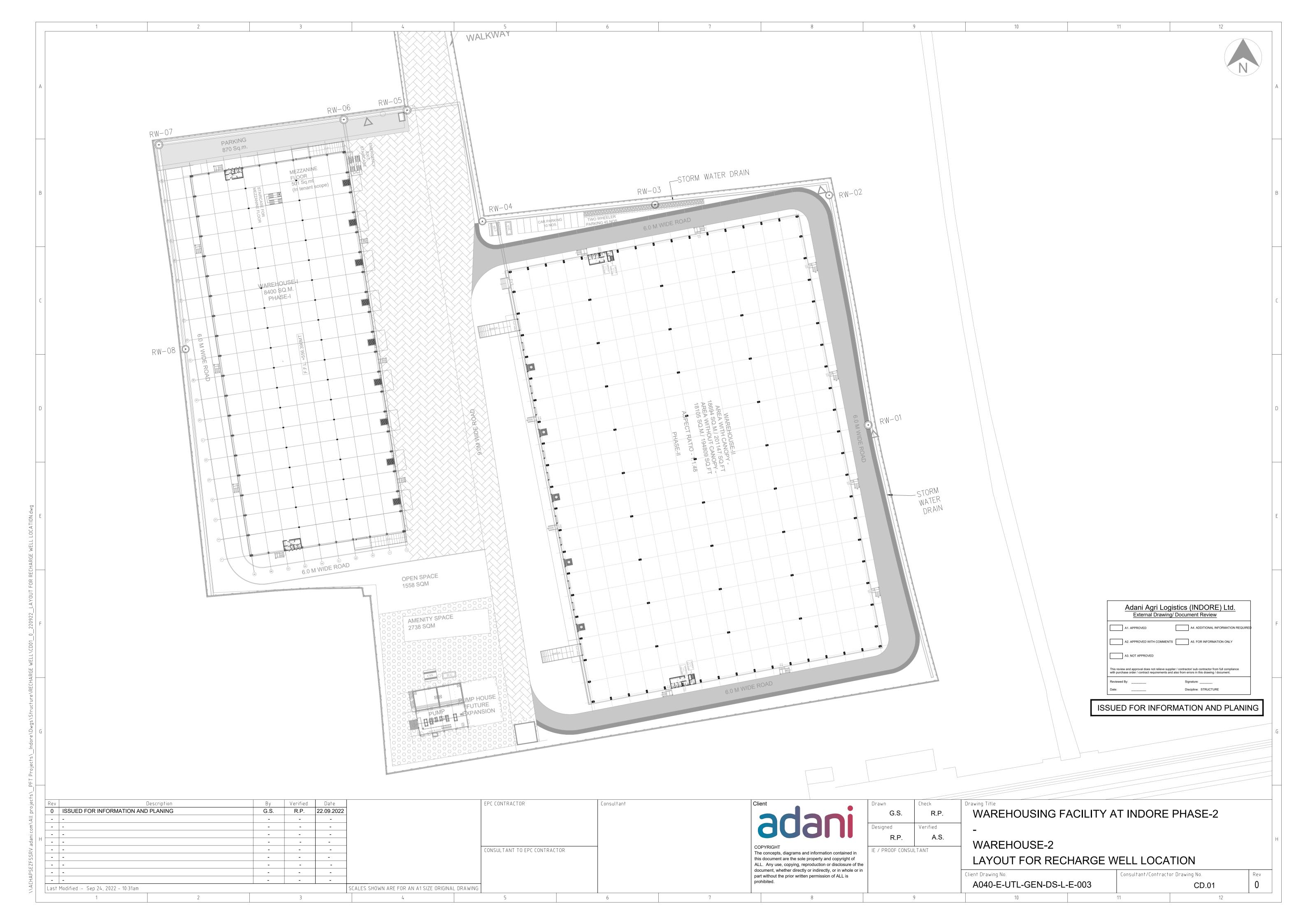
Water meter for Treated water Flushing line

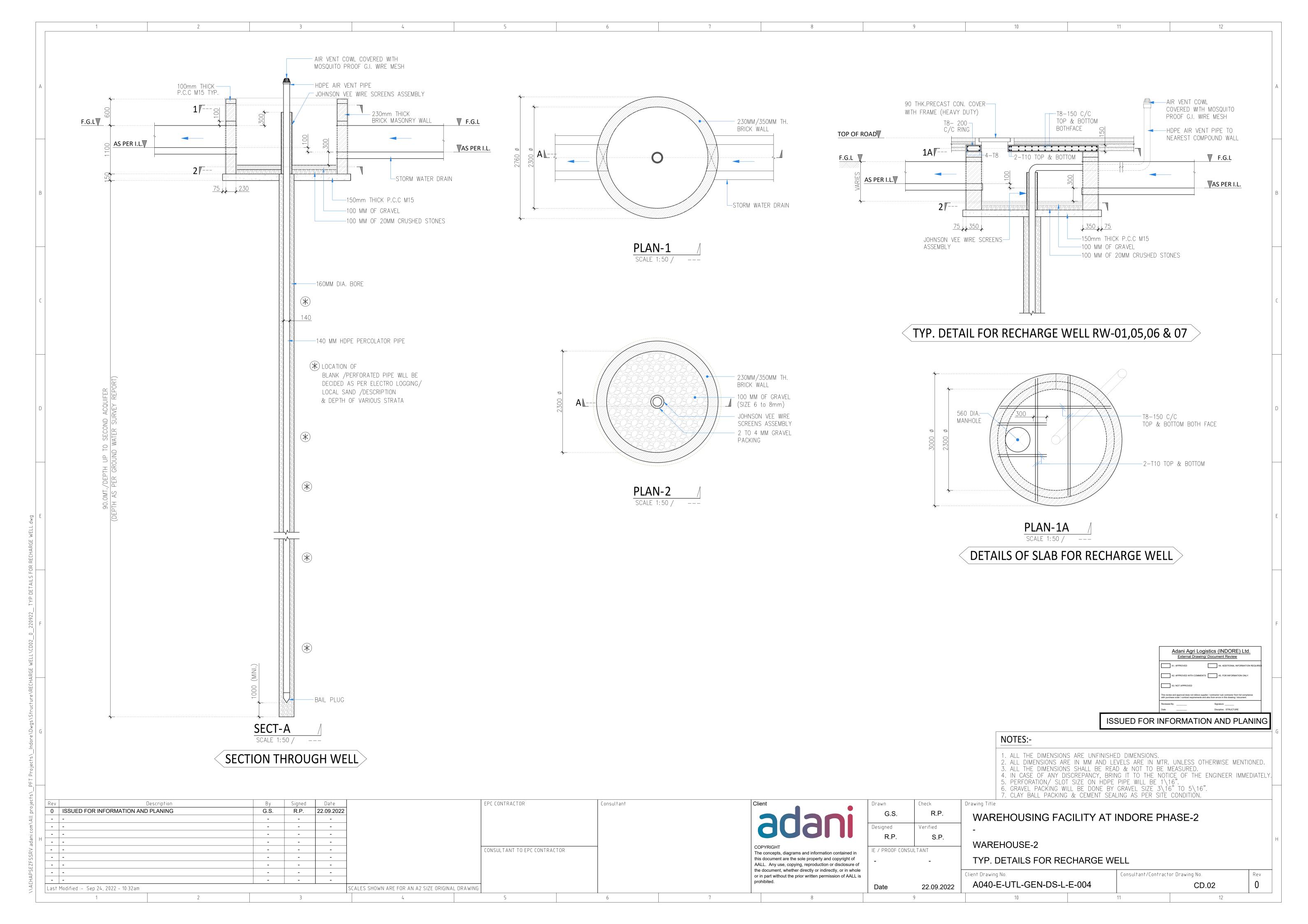






Annexure -IV





Annexure -V

Photographs showing plantation at Indore Warehouse/Logistic Park







Annexure - VI



कार्यालय वनमण्डलाधिकारी,इन्दौर वनमण्डल,इन्दौर

फॉरेस्ट केम्पस,नवरतनबाग, इन्दौर, म्.प्र. – 452001

E-mail: dfotindo@mp.gov.in

क्रमांक / व.प्रा. / 2022 / 9100

इन्दौर,दिनांक 23/11/2022.

प्रति,

Adani Logistic Limited Adani Corporate House, Shantigram Nr. Vaishno Devi Circle, S.G. Highway, Kodiyar, Ahemdabad - 382421, Gujrat India,

विषय:-Corporate Environment Responsibility(CER) For habitat development in Ralamandal Senctuary Indore-reg.

महोदय.

आपके द्वारा Corporate Environment Responsibility(CER) के अंतर्गत रालामंडल अभ्यारण्य इंदौर हेतु मध्य प्रदेश टाइगर फाउन्डेशन सोसायटी, भोपाल के खाते में राशि रू. 5.00 लाख दिये गये थे, वह प्राप्त हो चुके है ।

में शासन तर्फ एवं व्यक्तिगत स्तर पर भी आपकी इस सह्दयता एवं वन्यप्राणियों के रहवास विकास हेतु मानवीय दृष्टिकोण की सराहना एवं आभार प्रगट करता हूं।

आशा है कि विषयातंर्गत आपका सहयोग भविष्य में भी प्राप्त होता रहेगा।

वनमंडलाधिकारी. इंदौर वनमंडल इंदौर



कार्यालय ग्राम पंचायत भैसलाय



जनपद पंचायत डाँ.अम्बेडकर नगर (महू), जिला इंदौर (म.प्र.)

जावक क्र. - पं<u>श्री</u>२२-23

प्रमाण-पत्र दिनाक :- 20/02/2023

प्रमाणित किया जाता है कि मेसर्स अड़ानी लाजिस्टिक प्रा. लि. को ग्राम भैंसलाय स्थित भूमि सर्वे क्र.36/1, 37/1, 38/1, 55/1, 55/2/1, 55/4/1, 55/5/1, 55/5/2/1 पर वेयर हाउस एवं लाजिस्टिक पार्क प्रस्तावित नक्शा अनुसार बनाने पर ग्राम पंचायत भैंसलाय को निम्न शर्तों का पालन करने पर कोई आपत्ति नहीं है|

- 1 गोडाउन का निर्माण प्रस्तावित नक्शा अनुसार ही किया जावे।
- 2 पर्यावरण प्रदूषण न हो तथा स्वच्छता का विशेष ध्यान रखा जावे।
- 3 ग्राम भैंसलाय के शिक्षित बेरोजगार युवाओं को योग्यता अनुसार रोजगार में प्राथमिकता दी जावे।
- 4 ग्राम पंचायत के सभी करो का नियमानुसार निश्चित समयावधि में भूगतान किया जावे।
- 5 ग्राम में आपात या अन्य विशिष्ट परिस्थितियों में सहभागिता बनी रहे।

यह अनापत्ति प्रमाणपत्र ग्राम पंचायत के नियम का उल्लघंन होने पर स्वत: निरस्त मानी जावेगी।

नोट :- गलत जानकारी देकर प्रमाण-पत्र प्राप्त करने पर होने वाली वैधानिक कार्यवाही के लिये आप स्वयं जिम्मेदार होंगे।

Annexure -VII



कार्यालय ग्राम पंचायत भैसलाय



जनपद पंचायत डाँ.अम्बेडकर नगर (महू), जिला इंदौर (म.प्र.)

जावक क्र. - पं<u>श्री</u>२२-23

प्रमाण-पत्र दिनाक :- 20/02/2023

प्रमाणित किया जाता है कि मेसर्स अड़ानी लाजिस्टिक प्रा. लि. को ग्राम भैंसलाय स्थित भूमि सर्वे क्र.36/1, 37/1, 38/1, 55/1, 55/2/1, 55/4/1, 55/5/1, 55/5/2/1 पर वेयर हाउस एवं लाजिस्टिक पार्क प्रस्तावित नक्शा अनुसार बनाने पर ग्राम पंचायत भैंसलाय को निम्न शर्तों का पालन करने पर कोई आपत्ति नहीं है|

- 1 गोडाउन का निर्माण प्रस्तावित नक्शा अनुसार ही किया जावे।
- 2 पर्यावरण प्रदूषण न हो तथा स्वच्छता का विशेष ध्यान रखा जावे।
- 3 ग्राम भैंसलाय के शिक्षित बेरोजगार युवाओं को योग्यता अनुसार रोजगार में प्राथमिकता दी जावे।
- 4 ग्राम पंचायत के सभी करो का नियमानुसार निश्चित समयावधि में भूगतान किया जावे।
- 5 ग्राम में आपात या अन्य विशिष्ट परिस्थितियों में सहभागिता बनी रहे।

यह अनापत्ति प्रमाणपत्र ग्राम पंचायत के नियम का उल्लघंन होने पर स्वत: निरस्त मानी जावेगी।

नोट :- गलत जानकारी देकर प्रमाण-पत्र प्राप्त करने पर होने वाली वैधानिक कार्यवाही के लिये आप स्वयं जिम्मेदार होंगे।

Annexure -VIII



Consent Order

M.P. Pollution Control Board E-5, Arera Colony Paryavaran Parisar, Bhopal - 16 MP Tele: 0755-2466191, Fax-0755-2463742

RED-LARGE CTE-Fresh
Validity: 31.01.2028

CONSENT NO: ***

PCB ID: 151824

Outward No:117544,03/03/2023 NO: /MPPCB/IND

Consent No:CTE-57711

To,

The Occupier,

M/s. Adani Logistics Ltd,

36/min-1(S), 37/1(S), 37/2(S), 38/1(S), 55/1(S), 55/2/min-1

Village-Bhenslay, Tehsil- Mhow,

District- Indore, PIN – 453 552 (M.P.)

Subject: Grant of Consent to Establish Fresh 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

Ref: Your Consent to Establish Application Receipt No. 1256193 Dt. 31/01/2023 and last communication received on Dt.

10/02/2023

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 for setting up of an industrial plant/activities at 36/min-1(S), 37/1(S), 37/2(S), 38/1(S), 55/1(S), 55/2/min-1, Village-Bhenslay, Tehsil- Mhow, District- Indore, PIN – 453 552 (M.P.) and -

SUBJECT TO THE FOLLOWING CONDITIONS :-

a. Location: 36/min-1(S), 37/1(S), 37/2(S), 38/1(S), 55/1(S), 55/2/min-1, Village-Bhenslay, Tehsil- Mhow,

District- Indore, PIN – 453 552 (M.P.)

b. The capital investment: Rs. 101.67 Crs.

c. Project details:

Project details	Qty
Warehouse project	32566.970 Sqaure Meter Built up area

Note:

- 1. For any change in above Project proponent shall obtain fresh consent from the Board.
- 2. This consent to establish in no way be taken as measures of proof that the project proponent has not violated any pollution control laws at any time in the past. Hence, whatsoever may be decision of the Hon'ble Court/NGT etc shall be binding to both Project Proponent and this Board.

The consent (for operation) as required shall be granted to your industry 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

By the order of Chairman, MPPCB

Segal server
Digitally Sign with Andhaar

TPAV # UTD8HRS57J

Signature Not Verified

Digitally Signed by: Chandra

Mohan Thakut AS

Date: 03/03/2023 06:36:36 PM

(Organic Authentication on AADHAR from UIDAI Server)

CHANDRA MOHAN THAKUR Member Secretary

anthakul

M.P. Pollution Control Board E-5, Arera Colony Paryavaran Parisar, Bhopal - 16 MP Tele: 0755-2466191, Fax-0755-2463742

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

- 1. The daily quantity of sewage shall not exceed 39.000 KL/day
- 2. Trade Effluent Treatment:- Nil
- 3. **Sewage Treatment**: The applicant shall provide comprehensive sewage treatment system as per the proposal submitted to the Board and maintain the same properly to achieve following standards-

pH	Between	5.5 - 9.0
Suspended Solids	Not exceed	100 mg/l.
BOD 3 Days 27 ⁰ 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	230 mg/l

- 4. The effluent shall be treated up to prescribed Standards and reuse in the process, for cooling and for green belt devolvement/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 Industrial cooling/boiler feed, mine spray, 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.

Sr	Water Code	WC: 30.000	WWG: 39.000	Water	Remark
	(Qty in klpd - Kilo Ltr per Day)			Source	
1	Domestic Purpose	45.000	39.000	Bore well	The industry shall maintain valid
					permission from competent authority for
					withdrawal of ground water
2	Plantation / Horticulture	53.000	0.000	Other	

- 6. Any change in production capacity, process, raw material 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 Consent does not authorize or approve the Construction of any physical structures or facilities or the undertaking of any work in any water course or within its high flood level (HFL) area
- 9. The specific effluent limitations and pollution control systems applicable to the discharge permitted herein are set forth as above conditions.

10. 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.

11. Recording of Monitoring Activities & 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:

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- (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 and
- (v)The result of all required analysis

iii. If the applicant monitors any Pollutant more frequently as is by this Consent he shell 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.

12. 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.

13. 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.

14. Limitation of visible floating solids and foam:

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

15. Disposal of Collected Solid waste/sludge-

All hazardous waste/sludge shall be disposed of as per the Authorization issued under Hazardous & other waste (M&TM) Rules 2016. And/other Solids Sludges, 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, Shall fish or other animal collected or trapped as a result of intake water screening or treatment may be returned to eaters body habitat.

16. 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.

17. Prohibition of By pass system of treatment 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:

- 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.
- 18. Industry/Institute/mine management shall submit the information online through XGN in reference to compliance of consent conditions.

Additional Water condition:-

- 1. The Project Proponent shall maintain zero discharge from the premises.
- 2. The Project Proponent shall maintain the water meters properly for measurement of water consumption and waste water discharge.
- 3. The Project Proponent shall establish a separate environmental cell, headed by senior officer of the unit for reporting the environmental compliances to the Board.
- 4. Operation and maintenance of STP shall be carried out by the proponent through this cell.
- 5. The Project Proponent shall submit the treated wastewater analysis report atleast six monthly to the Board.
- 6. Necessary permission should be obtained from concerned authorities for extraction of groundwater and extraction pit should have required meters for recording flow/quantity of water extraction.
- 7. Rain water harvesting systems must be installed by the units in consultation with the concerned agency and the system should be have arrangement of maximum collection from both roof-top and surface runoff.



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

1. The applicant shall provide comprehensive air pollution control system consisting of control equipments as per the proposal submitted to the Board with reference to generation of emission and same shall be operated & maintained continuously so as to achieve the level of pollutants to the following standards:-

Name of section	Capacity	Stack height(mtrs)	Fuel	Control equipment to be installed	P.M, SOX, NOX(mg/NM3)
D.G. Sets	125 KVA	30	Diesel	Acoustic enclosure, Muffler	As per MoEFCC/CPCB norms

- 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) $100 \mu g/m^3$ (PM10 $\mu g/m^3$ 24 hrs. basis)
 - b. Particulate Matter (less than 2.5 micron) $60 \mu g/m^3$ (PM2.5 $\mu g/m^3$ 24 hrs. basis)
 - c. Sulphur Dioxide [SO2] (24 hrs. Basis) 80 µg/m³
 - d. Nitrogen Oxides [NOx] (24 hrs. Basis) 80 μg/m³
 - e. Carbon Monoxide [CO] (8 hrs. Basis) 2000 µg/m³
- 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/Unit shall provide with 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. In no case monkey ladder shall be allowed as stack monitoring facility.
- 5. The industry/unit shall make 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/ unit 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 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.
- 9. Industry shall take effective steps for extensive tree plantation preferably in 03 rows of the local tree species with minimum spacing of 2X2 meters within or around the industry/unit premises for general improvement of environmental conditions and as stated in below.

Additional Air condition:-

- 1. The Project Proponent shall maintain the ambient air quality within prescribed norms including noise pollution.
- 2. DG sets shall comply with the provision of Noise pollution control limits as prescribed by CPCB/MoEFCC.

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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 wastes:-

Type of waste	Quantity	Disposal	
Scrap/ Plastic packing material wood, card board, gunny begs etc			
Horticulture Waste	0.020 MT	As Per MoEF&CC/CPCB Norms/Guidelines	
STP Sludge	0.150 MT		
Domestic waste	9.210 MT	Through local body vendor	

- 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.
 - 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 / authorisation is transferable in nature, in case of any change in ownership / management, the new owner / partner / directors / proprietor shall immediately apply for the consent with new requisite information.
- 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 authorise 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. 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 & Transboundary 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/authorisation 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/authorisation
- 9. The industry/unit shall establish a separate environmental cell, headed by senior officer of the unit for reporting the environmental compliances. The industry/ Unit shall submit environmental statement for the previous year ending 31st March on or before 30th September every year to the Board.
- 10. Industry shall obtain membership of Emergency Response Center of the Board if needed.
- 11. 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.
- 12. 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.

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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 industry.

Additional condition:-

- 1. Project proponent shall have to submit the NOC of the Gram Sabha within 30 days or before submitting application for consent to operate.
- 2. Project management shall install sewage treatment plant of adequate capacity. Responsibility of operation and maintenance of STP will be carried out by project management. The project management shall also make arrangement for measurement of waste water discharge.
- 3. 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.
- 4. Project management shall make the arrangement for the ware house of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water etc.
- 5. Development work should be done taking into consideration the rules and regulations of Local Authorities, so that the development may be done as per the Govt. norms.
- 6. The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in the area.

For and on behalf of M.P. Pollution Control Board

By the order of Chairman, MPPCB

Seeding from UIDAI Server Digitally Sign with Andhaur

(Organic Authentication on AADHAR from UIDAI Server) TPAV # UTD8HRS57J CHANDRA MOHAN THAKUR Member Secretary

mthakul

Annexure -IX

M.P.P.K.V.V. Co. Ltd., Urja Parisar, Polo ground, Indore (A Government of Madhya Pradesh Enterprise)

Website:- www.mpwz.co.in Urjas Web. :- https://mpwzservices.mpwin.co.in/mpeb_english/home

SE/O&M/HT/P-N-88/2022-23/No.

Indore, Dated: 7

To,

M/S ADANI LOGISTICS LTD.

Survey No. 55/5/2/Min-1, 55/4/Min-1,

55/3/Min-1, 37/2, 36//min-1, 37/min-1, 55/2/Min-1,

55/1, Village Bhenslay, Tahsil Mhow, Dist. Indore

Email - manikandan.a@adani.com

Mob. No.:- 7837111098

Approval for 150 KVA new HT power on 11 KV at Survey No. 55/5/2/Min-1, 55/4/Min-1, 55/3/Min-1, 37/2, 36//min-1, 37/min-1, 55/2/Min-1, 55/1, Village Bhenslay, Tahsil Mhow, Dist. Indore for the purpose of Warehousing

Ref.:- Your online application No. NSCHT14665 dated 19.10.2022

Dear Sir,

Please refer to your application cited above for availing 150 KVA HT power supply on 11 KV for the purpose of Warehousing at Survey No. 55/5/2/Min-1, 55/4/Min-1, 55/3/Min-1, 37/2, 36//min-1, 37/min-1, 55/2/Min-1, 55/1, Village Bhenslay, Tahsil Mhow, Dist. Indore of Rs. 10000/- vide ERP MR/Transaction ID No. 22101939350768472406 dated 19.10.2022

Your request has been considered and sanction is hereby accorded for release 150 KVA HT connection on 11 KV subject to the following conditions:-

- As per "M.P. Electricity Supply Code 2021, you shall be responsible for providing "right of way" wherever necessary for laying of lines and also for easy and independent access to the metering point.
- If any permanent LT connection is running in the said premise, It will be required to be 2. surrendered prior to start of supply at HT.
- You will have to obtain necessary approval/permission of the local/statutory authority, if required under any law/statute for manufacturing of above product or supply of service mentioned in your application and to observe all the conditions specified therein before commencement of supply, please note that in case of your failure to do so, the West Discom will remain absolved from all the liabilities that may arise on this account. You will also have to abide by all regulatory provisions relating to supply of electricity.
- You are required to submit following additional documents, for expeditious release of connection:
 - 1. MSME udyam registration certificate/SIA Acknowledgement
 - 2. Details of any dues or outstanding on the said premises. If available.

Kindly Submit above mentioned documents within 7 days to this office, otherwise your application shall be dammed as cancelled automatically,

- On receipt of above documents, the action for ascertaining technical feasibility of supply and deciding the point of supply/permission of estimate will be initiated in case. Any existing electricity line is passing through your premises, the same shall also be required to be shifted before commencement of HT supply at your cost after ascertaining technical feasibility, the quantum of line extension work along with detailed cost of estimate will be provided to you.
- You will have to get the works executed through an 'A' class contactor at your cost as per the estimates and layout approved by the West Discom. The work must be completed as per the sanctioned estimate and technical specification of west Discom, and within the stipulated timeframe as per M.P. electricity Supply Code'2021. Upon failure to get the works executed within prescribe time-limits, this sanction shall stand automatically cancelled.
- 7. You will be required to make payment of supply affording charges, security deposit, and supervision charges @ 5% of estimate amount along-with GST, for which a demand note will be given to you separately. A copy of draft HT power supply agreement shall also be provided to you. Along-with demand note after making payment, you will have to submit duly signed HT agreement on non-judicial stamp paper/e-stamp of Rs. 500/-. The applicable tariff for your connection shall be as indicated in the Draft agreement.
- In the event of any dispute related to authenticity of documents submitted by you as per M.P. 8. Electricity Supply Code' 2021 for availing H.T. supply, or if any dues are found outstanding on the premises for which connection has been applied or against any firm /Company/person which is associated to your firm/Company as Owner, Partner, Director or Managing Director, it shall be lawful for the West Discom to cancel the sanction/discontinue the supply of energy during the period of disconnection, you will be liable to pay the demand charges /minimum charges etc. as per tariff order as in force from time to time till the currency period of agreement.
- Remark:- As per Circular No. 171 dated 28.10.2021 ME HT Meter may be purchase by the 9. consumer due to non availability in stock.
- You are also requested to please contact our Executive Engineer (O&M) MPPKVV Co. Ltd. Mhow 10. for any further assistance.

Thanking you,

yours faithfully

Superintending Engineer (O&M) MPPKVV Co. Ltd. Indore

1] The Superintending Engineer (HT Billing cell) MPPKVV Co. Ltd. Indore.

(PAN and GST No. of the Company/Firm/Proprietor is AABCI4157J and GST No. 23AABCI4157J1ZO

- 2] The Superintending Engineer (MT-I) MPPKVVCL, Indore.
- 3] The Executive Engineer [Meter Testing-1] MPPKVV Co. Ltd. Indore (Encl. Site Map)
- 4] The Executive Engineer [O&M] MPPKVV Co. Ltd. Mhow (Please ensure timely action as per M.P. Supply Code'2021 and Company's Circular No. MD/ WZ/05/13-04/18063 dated 27.08.2013. The estimate may be prepared keeping in view that the consumer has to use of "Aerial Bunched Cable "at his cost for the last span (Condition No.4.58 of M.P. Supply Code'21) and consumer may also be insisted for the same. Ensure timely issue of work Order after receipt of Supervision charges as above, also submit technical feasibility report and report regarding arrear if any on any account and any existing HT/LT connection/Line in the premises within three days positively with copy of approved site plan. If there is any industrial park, so please confirm External electrification of the premises and send report to this office, please Send revised estimate copy as per new SOR. If

Annexure -X



OCCUPATIONAL HEALTH & SAFETY (OH&S) POLICY

We at Adani, firmly believe that Occupational Health & Safety (**OH&S**) is an integral part of our activities, policies, processes & business operations and are committed to provide safe and healthy workplace across our operating location, to our employees, relevant stakeholders and nearby communities, to achieve our **OH&S** Vision "To be the Globally admired OH&S Leader in the Infrastructure space".

Adani recognizes that **OH&S** and the overall wellbeing of its people is vital to its success and growth aspirations. It is our conviction to promote "**Culture of Care**" so that every activity is performed in a safe manner which facilitates continual growth and sustainability of our businesses. This is envisioned in our business theme "**Growth with Goodness**".

To meet our commitment, we shall endeavor to;

- Integrate Occupational Health & Safety aspects in every business decision we make and in every activity
 we perform. Leaders at all levels, demonstrate their personal commitment to OH&S to promote Principle
 of Prevention of unsafe situations by integrating requirements from design & engineering stage to
 operation & maintenance.
- Work with the fundamental belief that all injuries and occupational illness can and must be prevented. Working safely is a condition of employment to meet our goal of "Zero Harm".
- Comply and exceed applicable legal and regulatory OH&S requirements and set highest standards for positive safety compliance, wherever we operate.
- Develop skills, knowledge, competence and build capability by engaging employees, business partners and service providers through appropriate education & training to help them work safely. Influence our business partners in enhancing their OH&S standards.
- Ensure safe place to work by identifying, assessing, and reducing risks & vulnerabilities, to as low as reasonably practicable by applying hierarchy of controls for process, machinery, infrastructure and human behavior and prevent any potential emergency situations.
- Conduct regular audits and facilitate assurance of OH&S programs and take timely action on findings, to integrate learnings ensuring continued compliance to safety management system requirements.
- Proactively report all incidents, investigate root causes and ensure lessons learnt are shared and deployed across the Group companies.
- Set OH&S objective and targets, metrics as indicators of excellence, monitor progress and continually improve performance. Provide adequate resources to ensure continual improvement of OH&S management & performance.

We shall communicate this policy to all our employees, business partners and customers to emphasize their responsibilities and accountabilities for safe performance and thereby establish a renewed commitment towards consultative & participative processes.

Any violation or breach of this policy shall be dealt with procedures framed by the Company from time to time. The policy shall be reviewed periodically for its suitability & relevance to our operations and updated as deemed necessary.

Chairman – Adani Group

Date: 04th March 2021

Annexure -XI

माता आनंदमयीपीठ पर मातृजन्म महोत्सव आज से



गुरुवार १९ मई को भगवान श्री पुर्ण ब्रह्मनारायण के प्राकटय दिवस के रूप में मनाया जाएगा ।महोत्सव में प्रतिदिन सुबह 10 से 12 बजे तक वेदांत सम्मेलन और अपरान्ह 4 .30 से सायं 7 बजे तक देश के जानें – माने संत विद्वानों के प्रवचनों की अमृत वर्षा होगी . इस दौरान तीन दिवसीय शिवशक्ति महायज्ञ भी होगा . श्रीश्री माता आनंदमयी पीट इंदौर के अध्यक्ष स्वामी केदारनाथ महाराज, न्यासी मंडल के मुकेश कचोलिया, डॉ . विजय निचानी एवं जे पी. फडिया ने बताया कि महोत्सव में शॉमिल होने के लिए हरियाणा के आदर्श महामंडलेश्वर स्वामी विरागानंद महाराज, अमरकंटक के नव्य व्याकरणाचार्य स्वामी योगेश्वरानंद एवं स्वामी मुक्तानंद, गुजरात के भीमपुरा के स्वामी जगदीश्वरानं सहित अनेक प्रमुख संत आज विभिन्न साधनों से इंदौर पधार गए हैं, वहीं ओंकारेश्वर, अमरकंटक एवं अन्य तीर्थ स्थलों के संत–विद्वानों के जत्थे सोमवार को सुबह तक पहुंच जाएंगे. वेदांत सम्मेलन में अनेक ज्वलंत विषयों पर संत, विद्वानों के प्रवचन होंगे

वैदिक मंगलाचरण से गुंजा हरिधाम



इंदौर . हवा बंगला, केट रोड स्थित श्री हरिधाम आश्रम पर श्री शिव महापुराण कथा एवं आश्रम के संस्थापक साकेतवासी श्रीश्री 1008 महंत घनश्यामदास महाराज की दिव्य प्रतिमा की प्राण प्रतिष्ठा के लिए 1 से 7 जून तक आयोजित महोत्सव स्थल का भूमि पूजन आज सुबह अभिजीत महर्त में वैदिक मेंत्रोच्चार के बीच आश्रम के अधिष्ठाताँ श्रीमहत शुकदेवदास महाराज के सानिध्य में सोल्लास संपन्न हुआ . इस दौरान वैदिक ऋवाओं और मंत्रों और श्लोकों की मंगल ध्वनि से हरिधाम परिसर गूंजता रहा . भूमि पूजन समारोह वरिष्ठ समाजसेवी बालकृष्ण छाबछरिया, अग्रवाल समाज के अध्यक्ष गोविंद सिंघल, किष्किंधा धाम के प्रमुख गिरधारीलाल गर्ग, समाजसेवी नारायण अग्रवाल, डॉ . सुरेश चौपड़ा, मुकेश ब्रजवासी, मुकेश जैन, प्रवीण पांडे, सुधीर अग्रवाल एवं रामचंद्र चौधरी सहित शहर के ॲनेक गणमान्य नागरिकों ने पूजन विधि में भाग लेकर १ से ७ जून तक होने वाले महोत्सव को तन, मन धन से सहयोग देकर सफल एवं सार्थक बनाने का संकल्प व्यक्त किया। आश्रम की संस्कृत पाटशाला के 11 वेदपाटी ब्राह्मण बट्टूकों ने वैदिक मंत्रोच्चार के बीच सभी अतिथियों की अंगवानी की . आश्रम के महंत शुकदेवदास महाराज ने इस अवसर पर बताया कि साकेतवासी श्रीमहंत घनश्यामदास महाराज की प्रतिमा की स्थापना ४ जून को होगी, जबकि शिव महापुराण कथा १ जून से ७ जून तक प्रतिदिन दोपहर ३ से सायं ६ बजे तक होगी ।बड़ौदा गुजरात के रामस्नेही संप्रदाय के राष्ट्रसंत रामप्रसाद महाराज के मुखारविंद से यह दिव्य अनुष्ठान आम भक्तों के लिए खुला रहेगा . भूमिपूजन समारोह में प्रो . रमेश मंगल, गणेश अग्रवाल एवं बड़ी संख्या में मातृशक्ति भी मौजूद थें ।

ब्रह्माकुमारीज के जगदम्बा भवन का शिलान्यास



इंदौर. प्रजापिता ब्रह्माकुमारी ईश्वरीय विश्व विद्यालय द्वारा महालक्ष्मी नगर क्षेत्र में निर्माण होने वाले जगदम्बा भवन का आज शिलान्यास व भूमि पूजन समारोह सम्पन्न हुआ . इसमें मुख्य अतिथि के रूप में मेडिकेप्स विश्व विद्यालय के चांसलर भ्राता रमेश मितल, विधायक महेन्द्र हार्डिया, इंदौर जोन के मुख्य क्षेत्रीय समन्वयक ब्रह्माकुमारी हेमलता दीदी, शक्ति निकेतन की संचालिका ब्रह्माकमारी करुणा दीदी, कालानी नगर क्षेत्र की संचालिका जयंति दीदी, प्रेमनगर की संचालिका ब्रह्माकमारी शशी दीदी, महालक्ष्मी नगर की संचालिका ब्रह्माकुमारी अन्नू दीदी, माउण्ट आबू से पधारे मोटिवेशनल स्पीकर शक्तिराज भाई, ब्रह्माकुमार चेतन भाई, डॉ . शिल्पा देसाई, डॉ . गिरीश टावरी ने अपनी शुभ कामनायें ो तथा भाई बड़ी संख्या में ब्रहमाकुमारी संस्थान से जुड़े भाई बहन उपस्थित रहे . संचाल ब्रह्माकुमारी सोनाली बहन ने किया तथा महालक्ष्मी नगर क्षेत्र की संचालिका ब्रह्माकुमारी अञ्च बहुन ने सभी का आभार माना ।

पक्षियों के लिए वितरित किए सकोरे



इन्दौर . संस्था मातृभूमि ने रविवार को वीणा नगर स्थित मनकामनेश्वर महादेव मंदिर परिसर में पक्षियों के लिए दाना–पानी का इंतजाम करते हुए आम नागरिकों को सकोरों का वितरण किया . सकोरे वितरण के साथ ही सभी को पक्षियों की रक्षा करने की शपथ भी इस दौरान दिलाई गई . संस्था मातृभूमि संरक्षक रमेश मैंदोला एवं अध्यक्ष सुरजीतिसंह वालिया ने बताया कि शहर में तापमान 40 से 44 डिग्री तक जा पहुंचा हैं, ऐसे में जहां आम नागरिक इस भीषण गर्मी से बचाव करने के लिए कई तरह के इंतजाम कर रहा है तो वहीं इन बेजुबान पक्षियों की भी हर नागरिकों को सुध लेना चाहिए . ताकि इस भीषण गर्मी में पक्षियों को भी दाना–पानी की व्यवस्था हो . ऐसे में संस्था मातभूमि ने एक पहल करते हुए वीणा नगर स्थित मनकामनेश्वर महादेव मंदिर में पक्षियों के लिए दाना–पानी की व्यवस्था की साथ ही सभी आमजनों और रहवासियों को 500 से अधिक सकोरों का वितरण किया गया . सभी से इस दौरान पक्षियों को बचाने की शपथ भी दिलाई गई । वीणा नगर में आयोजित इस पशु–पक्षी सेवा प्रकल्प में आरती जायसवाल, दीप्ति राठौर, नीलेश जायसवाल, जितेंद्र राठौर, ओम पानेरी, पवन राजोरिया, जयदीप पंवार, मनोज चौहान, ओम डागुर, डॉ . बिरला, बीपी राठौर सहित सैकड़ों नगरवासी वु क्षेत्रवासी मौजूद् थे ।

टीसीएल का वीडियोकॉल टीवी

इंदौर . टीसीएल ने एक नए सनसनी पैदा करने वाली पेशकश में अपना प्रमुख उत्पाद टीसीएल वीडियो कॉल क्यूएलईडी टीवी लांच किया .टीसीएल इंडिया के मार्केटिंग हेड विजय कुमार मिक्किलिनेनी ने कहा कि टीसीएल में हम उपभोक्ताओं को विश्व स्तर की टीवी टेक्नोलॉजी प्रदान करने के लिए प्रतिबद्ध है, जिससे उपभोक्ता वाकई अपने घरों में सिनेमाहॉल जैसा अनुभव ले सकें . हम काफी उत्साहित हैं कि अब टीसीएल सी725 लोटस इलेक्ट्रॉनिक्स में मिल रहा है . हमें विश्वास है कि जो उपभोक्ता ऑनलाइन शॉपिंग करने में परेशानी महसूस करते है . उन्हें यहां टीवी खर्ी दना ज्यादा सुविधाजनक लगेगा

ब्राह्मण संघ ने जोशी का किया सम्मान



इंदौर . ब्राह्मण संघ और आर्यावर्त श्रमजीवी पत्रकार संघ ने वरिष्ठ पत्रकार और लेखक प्रवीण जोशी को केसरिया दुपट्टा, भगवान परशुराम का कैलेंडर और मोमेंटो प्रदान कर सम्मानित किया . इस मौके पर विप्र समाज के पंडित आरके शुक्ला, अशोक चतुर्वेदी, पंडित बीके शर्मा, सतीश सिंह, कल्याण सिंह निराला विशेष रूप से उपस्थित थें. यह जानकारी पत्रकार शुक्ला ने दी ।

कार्य की धीमी गति से व्यापार ठप

मामला बड़ा गणपति से खजूरी बाजार तक सडक निर्माण का

इंदौर. यहां पहली बार नहीं हुआ है कि विकास के लिए बाधित भवन और दुकानें हटाई गई. वर्तमान में चल रहे हैं सड़क चौड़ीकरण को लेकर जितने भी भवन हटाए हैं, हमेशा की तरह इस बार भी मुआवजा नहीं दिया गया. साथ ही कार्य की धीमी गति व्यापारियों की परेशानी का कारण बनी हुई है.

मामला बड़ा गणपति से खजूरी बाजार तिराहा तक के सडक चौडी का है. जहां स्मार्ट सिटी के अंतर्गत विकास कार्य चल रहा है. इसको लेकर इस मार्ग के दोनों तरफ से मकान दुकान 12 से 16 फीट तक हटाई गई है. यहां सभी भवन पांच से सात दशक पुराने थे जहां वर्षों से लोग अपना व्यापार चला रहे थे. हालांकि यह पुरा क्षेत्र व्यवसाय क्षेत्र में आता है और यहां व्यापार करने वाले व्यापारियों की कई पीढ़ियां गुजर चुकी है. इस विकास कार्य के चलते जितने भी भवन हटाए गए हैं



दुकान 2 फीट ही बची है. इनमें किसी को भी किसी तरीके का कोई भी मुआवजा नहीं दिया गया. एक तरफ इन भवन मालिकों को मुआवजा नहीं मिला वहीं दूसरी तरफ धीमे कार्य के चलते व्यापार पूरी तरह से ठप पड़ा है क्योंकि पिछले वर्ष अगस्त में इस मार्ग के चौडीकरण को लेकर कार्रवाई शुरू कर दी गई थी. उसी समय अधिकारियों द्वारा यहां बताया गया था कि इस कार्य को तकरीबन 6 महीने में ही पूरा कर दिया जाएगा लेकिन कार्य गति हीनता के कारण 10 महीने गुजरने को है फिर भी कार्य पूरी तरह से अधूरा पड़ा है.

इस कारण यहां के व्यापारियों को

इनका कहना ह . . .

विकास कार्य अगर करना था तो शहर के नए



कार्य से सभी व्यापारियों के व्यापार पुरी तरह से ठप हो चुके है. - राकेश कमार

जल्दी कार्य निपटाने के लिए ज्यादा मशीनरी, ज्यादा वर्कर और आला दर्जे के इंजीनियरों को



शहर का विकास अच्छी बात है. हर राज्य में अगर विकास के लिए संपत्ति

हटाती हैं तो सरकार उसका मुआवजा देती है. उसी तरह से हमें भी मुआवजा देना चाहिए था जो हमारा हक है. वह नहीं दिया

स्कूलों के विद्यार्थियों को अब मूंग दाल भी मिलेगी

वितरण 17 मई से होगा प्रारंभ

इंदौर. इंदौर जिले में भी राज्य शासन द्वारा दिये गये दिशा-निर्देशानुसार प्राथमिक तथा माध्यमिक स्तर के विद्यार्थियों को मंग की दाल उपलब्ध कराई जायेगी. मूंग दाल का वितरण 17 मई से प्रारंभ होगा. यह मूंग दाल मध्यान्ह भोजन योजना के अंतर्गत प्रधानमंत्री पोषण शक्ति निर्माण के तहत होगा. मूंग दाल का वितरण मुख्यमंत्री शिवराज सिंह चौहान द्वारा 17 मई को भोपाल में आयोजित एक कार्यक्रम के माध्यम से

इस कार्यक्रम में विभिन्न विकास कार्यों का लोकार्पण/भूमिपूजन किये जाने के साथ ही हितग्राहियों को हित

लाभ का वितरण भी होगा। खाद्य एवं नागरिक आपूर्ति विभाग से प्राप्त जानकारी के अनुसार स्कूली बच्चों को मंग की दाल वितरण का कार्यक्रम बनाया गया है। इसके तहत प्राथमिक शाला के विद्यार्थियों को 10 किलो एवं माध्यमिक शाला के विद्यार्थियों को 15 किलो मूंग की दाल वितरित की जायेगी। विद्यार्थियों को मुंग की दाल संबंधित उचित मूल्य दुकान से मिलेगी। 17 मई को आयोजित होने वाले कार्यक्रम का प्रसारण सभी उचित मूल्य दुकानों पर किया जायेगा। दुकानों पर साफ-सफाई एवं पर्याप्त राशन सामग्री रखने के निर्देश दिये गये है। मूंग दाल प्राप्त करने वाले विद्यार्थियों की सूची जारी कर दी गई है। यह कार्यक्रम शाम 4 बजे से आयोजित होगा.

स्वास्थ्य विभाग की सलाह, सावधानी रखें, लू से बचें

इंदौर . ग्रीष्म ऋतु में लू लगने से गंभीर स्वास्थ्य समस्याएं उत्पन्न होती ह2 . पसीना न आना, गर्म– लाल एवं शुष्क त्वचा, मतली, सिरदर्द, थकान, चक्कर आना, उल्टियां होना, बेहोश हो जाना एवं पुत्तित्यां छोटी हो जाना इसके प्रमुख लक्षण एवं संकेत हैं . मुख्य चिकित्सा एवं स्वास्थ्य अधिकारी डॉ . बी .एस . सैत्या ने नागरिकों को सलाह दी है कि वे गर्मी व लू से बचाव के लिए खूब पानी पिएं व खाली पेट न रहें, शराब व केफिन के सेवन से बचें, ठण्डे पानी से नहाएं, सर ढके व हल्के रंग के ढीले व पूरी बांह के कपड़े पहने, बच्चों को बंद वाहनों में अकेला न छोड़े, दिन में 12 से 04 के मध्य बाहर जाने से बचें, धूप में नंगे पॉव न चलें .

तीन दिनों में 65 हजार दर्जन से अधिक बिका आम

मैंगो जत्रा का समापन

इंदौर. ग्रामीण हाट बाजार, ढक्कन वाला कुआ, साउथ तुकोगंज में तीन दिनो से चल रहे मराठी सोशल ग्रुप के सालाना आयोजन मेंगो जत्रा का रविवार समापन हो गया इन तीन दिनों में हजारों टन हापुस आम इंदौरियो ने खरीदे भी, खूब चखे भी. रविवार को हजारों स्वादप्रेमियो की भीड़ उमडी.

आयोजक सुधीर दांडेकर व राजेश शाह ने बताया कि मैंगो जत्रा में आने वाले बुर्जुगो के लिए ग्रुप ने व्हील चेयर की व्यवस्था की गई थी. बुजुर्गों ने व्हील चेयर पर बैठकर पूरे जत्रा परिसर में घूमकर आम की खरीदी की. रविवार रात तक एकत्रित होने वाली सभी आमों की गुठलियों को सोमवार सुबह को वन विभाग को सौंपा जाएगा. तीन दिनो में लाखो इंदोरियो ने आम का लुत्फ उठाया. सुबह से देर शाम तक लोगो ने मेंगो जत्रा में खूब जम कर आम की खरीदी की. अधिकतर कृषकों के पास शाम 6 बजे तक आम खत्म हो चुका था, हर बार की तरह इस बार भी आम की डिमांड बहुत रही



है.मैंगो जत्रा में पूर्व लोकसभा अध्यक्षा विजयवर्गीय,पूर्व नेमा, सहित अन्य अतिथि उपस्थित

मराठी व्यंजनों का लिया स्वाद

तृप्ति महाजन और सुमेधा बावकर ने बताया कि मराठी व्यंजनों पर स्वाद प्रेमियों ने खब लुत्फ उठाया और स्टॉल पर भीड़ भी काफी रही। इन्हें काफी अच्छा प्रतिसाद मिला. स्वाद प्रेमियों ने महाराष्ट्र का मुख्य अल्पाहार वडा पाव को मेंगो जत्रा में काफी पसंद किया. समीर देशकुलकर्णी,प्रमोद धरफले ने बताया कि रोजमर्रा के आइटम्स को खूब खरीदा गया

सामाजिक विसंगतियों को व्यक्त करने का सशक्त माध्यम लघु कथाएँ अंतर्राष्ट्रीय महिला साहित्य समागम

इंदौर. अभय प्रशाल में आयोजित हो रहे अंतर्राष्ट्रीय महिला साहित्य समागम के दूसरे दिन की रंगारंग शुरुआत लघु कथाओं के वाचन से हुई. देश-विदेश से आई लेखिकाओं ने अपनी सशक्त लघु कथाओं का पाठ किया गया. कार्यक्रम की मुख्य अतिथि लेखिका श्रीमती निर्मला भुराडिया थी. आज सत्र में लेखिकाओं द्वारा जो लघु कथाएं पढ़ी गई उसमें सामाजिक विसंगतियों के साथ-साथ पारिवारिक समस्याओं का भी उल्लेख किया गया. आयोजन घमासान डॉट

कॉम द्वारा किया जा रहा है.

दूसरे दिन के पहले सत्र में लघु कथाओं पर बोलते हुए लेखिका कांता राय ने कहा कि समाज में एकल परिवार बढ़ते जा रहे हैं. इसके कारण भी बहुत सारी परेशानियां सामने आ रही है. बुजुर्गों को वृद्ध आश्रम में रखा जा रहा है इसकी विसंगतियां भी हमें देखने को मिल रही है. आज हमारे समाज मैं जो बदलाव आ रहे हैं उन सब को अभिव्यक्त करती हैं लघु कथाएं. निर्मला भुराडिया ने कहा कि लघु कथा को लघु ही होना चाहिए और सबसे



सशक्त माध्यम भी बन गया है. विदेशों में हिंदी के साथ संस्कारों को फैलाया

सामाजिक जीवन की विसंगतियों को

व्यक्त किया जा रहा है और यह सबसे

विश्व में हिंदी की वैश्विक स्थिति और उसके विकास पर चर्चा करते हुए डॉ अंजलि ने कहा कि भारत से जो भी लोग मारीशस सहित विदेशों में गए उन्होंने वहां पर हिंदी के विकास के साथ-साथ भारतीय संस्कारों को भी वहां पर फैलाया है, मारीशस में हिंदी संस्थान के माध्यम से हिंदी के विकास का कार्य चल रहा है. हिंदी के विकास

चुनावों में सिंधिया से मुकाबले के

लिए दिग्गी ही सबसे बड़ा चेहरा

होंगे, जबिक कांग्रेस को चुनौती

के लिए अभी तक 11विश्व हिंदी सम्मेलन हो चुके हैं. मॉरीशस में विश्व हिंदी सचिवालय कार्य कर रहा है लेकिन इसके बावजूद हमें एक सेत् की आवश्यकता है ताकि सामृहिक रूप से कार्य किए जा सकें. विश्व के 180 विश्वविद्यालयों में हिंदी की पढ़ाई कराई जा रही है.

आने वाले समय में एलेक्सा मालवी भाषा में बात करेगी

टेक्नोलॉजी का जिस तरीके से विस्तार हो रहा है उसे देखते हुए ऐसा लगता है कि आने वाले समय में एलेक्सा मालवी भाषा में ना केवल बात करने लगेगी बल्कि हमारे द्वारा बोले गए गलत शब्दों को सधार भी देगी. टेक्नोलॉजी में भाषा के विकास का रास्ता खोल दिया है. उदयपुर से आई प्रसिद्ध लेखिका रीना मेनारिया ने कहा कि हिंदी भाषा को सम्मान देना जरूरी है घर के बच्चों से भी हमें हिंदी में ही बात करनी चाहिए. डा. नूतन पांडेय ने कहा कि हिंदी कि सारी बोलियों यदि मिला दिया जाए तो हिंदी को विश्व की नंबर एक की बोली माना जा सकता है. हिंदी को विश्व स्तर पर स्वीकार कर लिया गया है. हिंदी को सीखने में विश्व के कई देश रूचि ले रहे हैं.

नेटफ्लिक्स का कल्चर देश को बर्बाद कर रहा

नेपाल से आई लेखिका डॉ श्वेता दीप्ति ने कहा कि नेटफ्लिक्स का कल्चर हमारी संस्कृति और देश दोनों की बर्बादी कर रहा है. आज के बच्चे जितनी आसानी से गालियां सीख रहे हैं वह सब इसी कल्चर की देन है. बच्चों के सीखने की शरुआत घर से ही होती है इसलिए जो भी वह सीख रहे हैं उस पर हमें ध्यान देना चाहिए.

सिंधिया को उनके ही गढ़ में कमजोर करना चाहते हैं कमलनाथ

इंदौर/भोपाल. 15 साल बाद मिली प्रदेश की सत्ता सिंधिया की वजह से जाने का दर्द पूर्व मुख्यमंत्री और कांग्रेस के प्रदेशाध्यक्ष कमलनाथ को अब

कांग्रेस ने आगामी चुनाव के लिए बनाई रणनीति

भी है. यही कारण है कि वे बैठकों में दोहराते हैं कि वर्ष 2023 के विधानसभा चुनाव में कांग्रेस को जीत दिलाने तक मध्यप्रदेश में उनका डेरा रहने

कांग्रेस के लिए बड़ी चुनौती ग्वालियर-चंबल इलाका है. खासकर कमलनाथ, सिंधिया को उनके ही क्षेत्र में कमजोर करना चाहते हैं. यही



कारण है कि सिंधिया घराने के धुर विरोधी पूर्व मुख्यमंत्री दिग्विजय सिंह को उस इलाके की कमान सौंपी गई है.

पूर्व मुख्यमंत्री दिग्विजय सिंह ने ग्वालियर-चंबल इलाके में कांग्रेस के बड़े नेताओं के साथ बैठक की. आंगामी रणनीति पर चर्चा भी की. इसमें संकेत दिए हैं कि सिंधिया को घेरने में पार्टी कसर नहीं छोडेगी. इसी क्रम में कांग्रेस आंदोलन की शुरुआत भी दतिया से करने जा रही है. इसमें ग्वालियर, चंबल के अलावा सागर



कांग्रेस जहां सिंधिया को घेरने के लिए रणनीति बनाने में व्यस्त है, तो सिंधिया भी अब प्रदेश में अपनी सक्रियता बढ़ाने की तैयारी में जुटे हैं. भोपाल में पड़ोसी बनने के बाद केंद्रीय मंत्री ज्योतिरादित्य सिंधिया और पर्व मख्यमंत्री दिग्विजय सिंह की दोस्ती-राजनीतिक दुश्मनी की चर्चाएं हो रही हैं, लेकिन इसके ठीक पहले ग्वालियर में कांग्रेस की बडी मीटिंग हुई. इसमें सिंधिया के गढ़ में कांग्रेस की कमान दिग्विजय सिंह को दी गई. यानी आने वाले

संभाग के कार्यकर्ता भी जुटने वाले

देने के लिए सिंधिया ने भोपाल को पावर सेंटर बना लिया है. कांग्रेस में रहते हुए ज्योतिरादित्य सिंधिया और पूर्व सीएम दिग्विजय सिंह अलग-अलग धुरी के नेता माने जाते थे. हाल ही में दिग्विज्य ग्वालियर चंबल में सिक्रय हुए हैं. इसके बाद जब सिंधिया भोपाल आए तो उन्होंने दिग्विजय सिंह का नाम लिए बिना अपने विरोधी पर हमला बोला था. कहा कि मैं कांग्रेस में था, तब भी लोगों को खुजली आती थी, बीजेपी में हं, तब भी खुजली आती है. बताया जाता है कि सिंधिया भोपाल के श्यामला हिल्स स्थित सरकारी बंगले में सपरिवार गृह प्रवेश भी

कर चुके हैं।

एद्त द्वारा सर्व साधारण को मैं सूचित करती हूं कि मेरा नाम **ऋचा उपाध्याय पति आश्रतोष उपाध्याय** जाति ब्राहमण, आयु ४० वर्ष, व्यवसाय चिकित्सक, पता– 3325, सेक्टर ई, सुदामा नगर, इंदौर (म.प्र.) है मेरे पासपोर्ट में पूर्व में मेरे नाम के आगे उपनाम (सरनेम) में मेरे विवाह के पूर्व उपनाम मिश्रा जोड़ा गया था . मेरे पासपोर्ट में भी **ऋचा मिश्रा उपाध्याय** नाम अंकित किया गया है जिसे मै वर्तमान में अपने पति के नाम उपनाम (सरनेम) से बदलवाना चाहती हूं . मेरे आधार कार्ड, पैनकार्ड आदि में भी मेरा उपनाम (सरनेम) **उपाध्याय** दर्ज किया गया है और मै अब इसी नाम से ही जानी पहचानी जान चाहती हूं तथा भविष्य में भी मुझे अपने पति श्री आशुतोष उपाध्याय के उपनाम (सरनेम) उपाध्याय के नाम से जानी व पहचानी जाऊंर्ग एवं मुझे शासकीय कार्यालय में अन्य विभाग में मुझे ऋ**चा उपाध्याय पति आशुतो**ष **उपाध्याय** के नाम से जाना जावे अर्थात अब मुझे मेरी पहचान ऋचा उपाध्याय के नाम से ही जाना पहचाना जावे .

> जाहिरकर्ता ऋचा उपाध्याय पता– ३३२५ सेक्टर–ई, सुदामा नगर इंदौर (म.प्र.)

अंतरा करवड़े ने कहा कि आज

स्टेट एन्वायरमेन्ट इम्पैक्ट एसेसमेन्ट अथॉरिटी (एसईआईएए), मध्य प्रदेश द्वार ईसी आइडेन्टिफिकेशन नं. EC22B038MP126872 तथा फाइल नं. 9086/2022 दिनांक 29/04/2022 के तहत, मेसर्स अदाणी लॉजिस्टिक्स लिमिटेड को गांव– भेंसले, तहसील– महो, जिला– इंदौर, मध्य प्रदेश में सर्वे नं. 36/min-1(S), 37/1(S), 37/2(S), 38/1(S), 55/1(S), 55/2/min-1(S), 55/5/2/min-1/2(S), 55/3/min-1(S), 55/4/min-1(S), 55/5/1(S), 55/5/2/min-1/1(S) पर प्रस्तावित वेयरहाउस/लॉजिस्टिक पार्क प्रोजेक्ट के लिए पर्यावरण संबंधी क्लियरेन्स प्रदान

क्लियरेन्स पत्र की प्रति राज्य प्रदूषण नियंत्रण बोर्ड के पास तथा स्टेट लेवल एन्वायरमेन्ट इम्पैक्ट एसेसमेन्ट अथॉरिटी (एसईआईएए) की वेबसाइट www.mpseiaa.nic.in पर भी उपलब्ध है

फॉर्म INC-26 [कंपनी (निगमन) नियम, 2014 के नियम 30 (5) (**a**) के अनुसार] क्षेत्रीय निदेशक, उत्तर पश्चिमी क्षेत्र, अहमदाबाद के समक्ष

कंपनी अधिनियम, 2013, धारा 13(4) के मामले में कंपनी अधिनियम, 2013 और कंपनी (निगमन) नियम, 2014 के नियम 30(5) (ए)

चेन हाउस इंटरनेशनल प्राइवेट लिमिटेड (CIN U74994MP2006PTC044719) के मामले में, जिसका पंजीकृत कार्यालय 334, तीसर्र मंजिल, बालाजी टार्वर्स में है, खजूरी बाजार, एम जी रोड, इंदौर, मध्य प्रदेश -452001

(याचिकाकर्ता आम जनता को एतद द्वारा सचना दी जाती है कि कंपनी कंपनी अधिनियम, 2013 की धार 13(4) के तहत केंद्र सरकार को आवेदन करन का प्रस्ताव करती है, जिसमें कंपनी के मेमोरेंडम ऑफ एसोसिएशन के पारित विशेष प्रस्ताव वे संदर्भ में परिवर्तन की पृष्टि की मांग की जाती है कंपनी को अपने पंजीकत कार्यालय को मध्य प्रदेश राज्य से राष्ट्रीय राजधानी क्षेत्र दिल्ली मं बदलने में सक्षम बनाने के लिए 30/04/2022 को आयोजित असाधारण आम बैठक में. कोई भी व्यक्ति जिसका हित प्रस्तावि

परिवर्तन से प्रभावित होने की संभावना कंपनी का पंजीकत कार्यालय या तो एमसीए 21 पोर्टल (www.mca.gov.in) प **निवेशक शिकायत प्रपत्र** दाखिल करवे वितरित कर सकता है या वितरित करने क कारण बन सकता है या प्रकृति को बताते हा एक हलफनामे द्वारा समर्थित अपनी आपत्तियं के पंजीकत डाक द्वारा भेज सकता है **क्षेत्री**य निदेशक, कॉर्पोरेट मामलों के मंत्रालय उत्तर पश्चिमी क्षेत्र अहमदाबाद, आरओस भवन, ओप्पो रूपल पार्क सोसाइटी अंकुर बस स्टॉप के पीछे, नारनपु **अहमदाबाद-380013,** इस नोटिस व प्रकाशन की तारीख से चौदह दिनों के भीतर आवेदक कंपनी की एक प्रति के साथ उसके

लिमिटेड के लिए और उनकी ओर से (नरेश कमार) निदेशक

डीआईएन- 00488711 दिनांक- 30/04/2022

फॉर्म INC-26 [कंपनी (निगमन) नियम, 2014 के नियम 30(5)(a) के अनुसार] क्षेत्रीय निदेशक, उत्तर पश्चिमी क्षेत्र,

अहमदाबाद के समक्ष

(CIN: U51398MP1996PTC044717) के

मामले में, जिसका पंजीकृत कार्यालय 335,

तीसरी मंजिल, बालाजी टावर्स में है, खजूरी

कंपनी अधिनियम, 2013, धारा 13(4) के मामले में कंपनी अधिनियम, 2013 और कंपनी (निगमन) नियम, 2014 के नियम 30(5) (ए) रोहतक चेन एंड ज्वेलरी प्राइवेट लिमिटेड

बाजार, एम जी रोड, इंदौर, मध्य प्रदेश 452001 (याचिकाकर्ता)... आम जनता को एतद् द्वारा सूचना दी जाती है कि कंपनी कंपनी अधिनियम, 2013 की धारा 13(4) के तहत केंद्र सरकार को आवेदन करने का प्रस्ताव करती है, जिसमें कंपनी के मेमोरेंडम ऑफ एसोसिएशन के पारित विशेष प्रस्ताव वे

संदर्भ में परिवर्तन की पृष्टि की मांग की जाती है. कंपनी को अपने पंजीकत कार्यालय को **मध्य** प्रदेश राज्य से राष्ट्रीय राजधानी क्षेत्र दिल्ली में बदलने में सक्षम बनाने के लिए 30/04/2022 को आयोजित असाधारण आम बैठक में. कोई भी व्यक्ति जिसका हित प्रस्तावित परिवर्तन से प्रभावित होने की संभावना है कंपनी का पंजीकत कार्यालय या तो एमसीए-21 पोर्टल (www.mca.gov.in) पर **निवेशक शिकायत प्रपत्र** दाखिल करके वितरित कर सकता है या वितरित करने का कारण बन सकता है या प्रकृति को बताते हुए एक हलफनामे द्वारा समर्थित अपनी आपत्तियों के पंजीकत डाक द्वारा भेज सकता है **क्षेत्रीय**

निदेशक, कॉर्पोरेट मामलों के मंत्रालय, उत्तर पश्चिमी क्षेत्र अहमदाबाद, आरओर्स भवन, ओप्पो रूपल पार्क सोसाइटी अंकुर बस स्टॉप के पीछे, नारनपुर **अहमदाबाद-38**0013, इस नोटिस के प्रकाशन की तारीख से चौदह दिनों के भीतर आवेदक कंपनी की एक प्रति के साथ उसके गंजीकृत कार्यालय में ऊपर उल्लिखित पते पर. आवेदक रोहतक चेन एंड ज्वेलरी प्राइवेट लिमिटेड के लिए और उनकी ओर से

(नरेश कमार) निदेशक डीआईएन- 00488711 दिनांक- 30/04/2022



सेल्फ डिफेंस कैम्प में सीखा निहत्थे मुकाबला करना

बीएसएफ में हुआ आयोजन

इंदौर। सीमा सुरक्षा बल एसटीसी) में शनिवार शाम महिलाओं को अनऑर्म्ड कॉम्बैट (यूएसी) सिखाया गया. इस विधा में निहत्थे ही लड़ाई करना सिखाया जाता है। महिला शक्ति को वक्त बे वक्त खुद की हिफाजत करने के उद्देश्य से आयोजित इस सेल्फ डिफेंस कैम्प में करीब 100 महिलाओं ने हिस्सा लिया.

बीएसएफ के प्रशिक्षकों ने उन्हें सेल्फ डिफेंस, अटैक, पटकनी देना, बंदिशे से छूटना और अनेक ऐसे दांव पेंच सिखाए जिनसे वह खुद की हिफाजत कर सकती हैं. इस कैम्प में एडवेंचरस वुमन ग्रुप की सदस्यों के साथ शहर की आम महिलाओं ने भी हिस्सा लिया. ग्रुप की अध्यक्ष श्रेष्ठा गोयल ने बताया कि इस कैम्प में हमने बहुत कुछ ऐसा सीखा जिससे हमारा कॉन्फिडेंस लेवल बढ़ा है. अब

लगता है हम जरूरत पड़ने पर अपनी सुरक्षा खुद कर सकते हैं. बीएसएफ के टूआईसी सौरभ ने बताया कि इस कैम्प में महिलाओं ने जो भी सीखा, यदि वे उसकी प्रैक्टिस करते रहें तो वाकई ये विधाएं उनकी हिफाजत करने में महत्वपूर्ण साबित हो सकती हैं. बीएसएफ के प्रशिक्षकों ने वुमंस टीम को अटैक और डिफेंस के अनेक दांव बताए. आभार श्रेष्ठा गोयल ने माना.

Between May 1 and May 14, maximum neak demand of 12 841 MW was reported on May 14 and it was successfully net with an overdrawal of energy from the central grid to the tune of 341 MW. Overdrawal was done on almost all the days between May 1 and May 14. Overdrawal is drawing more energy than the

scheduled share for the state

Power supply in the entire state has improved compared to the month of April and it has improved especially during past three days between May 11 and May 14. However, the rural areas conti-

areas of Hoshangabad district, in rural areas of Morena it was for nearly seven hours, overall average power supply in rural areas coming under central discom was around 21 hours.

Likewise, on May 7, power outage of five hours was reported in rural areas of Sehore district, six hours in rural areas of Betul district, four hours in rural areas of Vidisha district, five hours in rural areas of Raisen, Sheopur and Morena district and three hours in rural areas of Singrauli district.

Similarly on May 8, two hours of po-

urs in rural areas of Morena, Seoni and Panna districts

coal availability has improved compa red to the month of April and power supply has also improved, but power supply stability is largely due to overd rawal and it comes with a price and is billed as per current deviation rates, the situation wherein state has a capacity of more than 23,000 MW but still there is need of overdrawal of energy is an area of concern as power demand is likely to

Sources said that in recent times, the lenge for the Bhopal Munici pal Corporation (BMC), two weeks after it converted most vehicle paid parking spaces in Bhopal to 'free of charge'. On May 1, barring three

REALITY CHECK multilevel parking and select

Bhopal: Operation and ma-

intenance remains a chal-

premium parking spots, all of city's parking spaces were deemed free of charge by the BMC. To cover the revenue loss at the time of new vehicle registration a one-time parking cess between Rs 200 to Rs 5000 was introduced.

On May 1, barring three multilevel parking and select premium parking spots, all of city's parking spaces were deemed free of

charge by the BMC

On Sunday, most shoppers were attuned to free parking as opposed to paid. There werevery limited takers for multilevel parking at New Market. On road, premium parking operator was the parking of choice in the main commercial market of the state capital. In the melee, road sides weere packed and

there were hardly any space for vehicles.

As opposed to New Market, finding a space to park at Boat Club, Bittan Market and Shahpura was far more easi-

Around 42 BMC parking slots are now free of charge. People have to pay to use multilevel parking at New Mar-

BMC's own admission, vario us complaints of misheha vior by private and BMC ap pointed operators would be resolved. The new situation has parking mostly unman ned. BMC had claimed that its staff would be deployed in parking zone, but would not be able to charge a parking fee. Yearly, about Rs 2 crore was the committed the par king revenue to the BMC from private operators.

BMC proposed CCTV ca meras and support from traf fic police in the new free par king spaces, but they are sel

MakeMyTrip and TOI launch 'Favourite Homestay Awards'

ne in the roomy world of holiday clichés. Travel in the time of the pandemic has shown that the homestay experience transcends the longevity of a passing fad Indeed for many travellers, homestays are now the preferred mode of finding comfort in the warmth and kindness of strangers' well-appointed homes even as they discover the iovs of going off the beaten track. From popular tourist hotspots to unexplored destinations, the options are limitless, be it a staycation or a workcation. A gorgeous villa in the hills or by the beach could be all yours for a given period of time, or you could choose to stay in a cozy nest thrown open by a



welcoming host to sample the

local way of life. MakeMvTrip, a growing hub of homestays with 32000+ properties currently listed on the platform, in association with The Times of India, has now launched the "Favourite Homestay Awards" to recognise and celebrate homestay properties, including villas, apartments, farmhouses, hostels and others. "Our attempt

burgeoning community of homestay hosts across the count. ry. India's first dedicated awards for Homestays will also help in creating standardisation of amenities and offerings," says Vipul Prakash, COO of MakeMyTrip.

The award categories, including Best Villa, Best Unique Homestay, Best Heritage Homestay, Best Eco-friendly Homestay, Best Rural Homestay and Best Pet-friendly Homestay, reflect the sheer variety of experiences that homestays offer to the discerning traveller. As Prakash explains, "We have witnessed a 70% increase in homestay listings from tier-II cities and unexplored destinations over pre-pandemic levels." While the proinvolve a comprehensive selection process, including voting by travellers and a distinguished jury. According to jury member Twinkle Khanna aka Mrs Funnyhones "ho. mestays in our country are like no other".

"Some properties bring alive historic elements, some are built on culture ethos, some pulsate with pastoral vibes, and some speak of intriguing stories of the past. If I were to let out a secret - then homestays are one of my favorites too. I look forward to the jury round with anticipation to learn more about the journey of hosts, and to understand what goes behind the building of homesta-

DIRECTOR OF TOURISM

No. JHS-ELG-W-T-09-2021-22-RT

(E-Tendering) for the following work:-

http://www.ireps.gov.in

JHAJJAR POWER LTD.

Unit No. T-15 B. Salcon Ras Vilas. 3rd Floor, Plot No. D-1.

Saket District Centre, Saket, New Delhi 110017, India

Cont.: 9996789268 | Email: opentender.jpi@apraava.com

Value (₹)

only

Money

1 25 300/-

only

e-NIT no:APRAVA/JPL/IMPORTED COAL 22:30/1
Jhajjar Power Limited ("JPL") invites techno-commercial bids through e-tendering portal (i.e., https://eprocurreent.abcprocure.com) from prospective bidders for engagement of agency ("Contractor") for "Procurrement of 240,000 metric tonne (MT) (-10%) of imported coal on "FOR stination" basis at Mahatma Gandhi Thermal Power Plant (MGTPP)" as per scope of supply of estination? basis at Manattria Garanti Interimal Power in an apport a contract terms & conditions as specified in the tender document.

Start date to download the tender documents from e-tendering portal 16.05.2022 at 18.00 Hrs

Date & time of pre-bid conference for seeking clarifications

through videoconferencing: https://meet.google.com/hwh-vycv-fiz

Last date and time to submit the bids on e-tendering portal 24.05.2022 upto 15.00 Hr Date and Time of opening the bids 24.05.2022 at 16:00 Hrs The corrigendum/addendum/alteration etc. w.r.t the above NIT will be shared through the same Jhajjar Power Limited

NORTH CENTRAL RAILWAY, PRAYAGRAJ

TENDER NOTICE

or and on behalf of President of India, the Sr. Divisional Electrical Engineer

(Gen) North Central Railway, Jhansi invites open tenders through online

Tender No.: JHS-ELG-W-T-09-2021-22-RT. Completion period: 06 months

Closing date of tender: 08.06.2022 (upto 15.00 Hrs.). Tenderer will submit

he tender online upto 08.06.2022 (upto 15.00 Hrs.), Complete detail

& for submission of tenders can be seen in Indian Railway websit

Environmental Clearance for the proposed Warehouse

Logistic Park Project at Survey No. 36/min-1(S), 37/1(S)

37/2(S), 38/1(S), 55/1(S), 55/2/min-1(S), 55/5/2/min-1/2(S)

55/3/min-1(S), 55/4/min-1(S), 55/5/1(S), 55/5/2/min-1/1(S) al

Village - Bhenslay, Tehsil - Mhow, District - Indore, Madhya

Pradesh has been accorded to M/s Adani Logistics Limited by

State Environment Impact Assessment Authority (SEIAA)

Madhya Pradesh vide EC Identification No.

EC22B038MP126872 & File No. 9086/2022 dated

29/04/2022. The copy of the clearance letter is available with

the State Pollution Control Board and also at website of the

State Level Environment Impact Assessment Authority (SEIAA)

NOTICE INVITING TENDER

E INSTITUTE OF CHARTERED

ACCOUNTANTS OF INDIA

Replacement of HT/LT OH conductor by ABC 62,61,271/-

cable in Railway Officer colony and west colony

DEPARTMENT OF TOURISM Dr.Ambedkar Salai, Uppalam, Puducherry – 605 001 Ph: 0413 – 2358570, 2358573 : Email : pondytourism@gmail.com

Tender ID:2022 DoT 10262 1 he Department of Tourism, Government of Puducherry invites e-tenders fro

the experienced firms to implement the operation, development/upgradation and maintenance of tourism facilities and maintenance of beach at Chinna Veerampattinam in Puducherry. The bidders should submit their technical and Verlanding light strongh online in https://pudutenders.gov.in. Tenders submitted in any other forms will not be accepted. The Tender Schedule Financial Bid, Scope of Work, Eighbitty Criteria, Selection Process and terms and conditions may be downloaded from https://pudutenders.gov.in. The Last Date for submission of bid is 14.06.2022-6.00 p.m. The technical bids will be opened on 15.06.2022 at 11.00 a.m. The undersigned reserves the righ either to accept or to reject any or all the tenders and postpone the due date ithout assigning any reason therefor. P. PRIYTARSHNY



mportant Advisory for Doctors & Patients

Sun Pharmaceutical Industries Limited had entered into ar exclusive patent licensing agreement with H. Lundbeck A/S ("Lundbeck") on 23rd March, 2022 to market and distribute its own version of Vortioxetine in India under the brand name VORTIDIF[™] for treatment of Major Depressive Disorde (MDD) in adults. MDD is a serious and complicated disorde and looking at the patient's needs, Sun Pharma has made available VORTIDIF™ for patients in India w.e.f. 08th April 2022. It is to be noted that Lundbeck holds worldwide paten rights over Vortioxetine. It has come to our notice that other Vortioxetine products have been recently launched or are likely to be launched in the market by many other companies without any authorization from Lundbeck. In this context, this advisory shall serve as an awareness for all doctors that VORTIDIF™ is the only authorized Vortioxetine product available in India. The advisory is also for the attention of all infringers to immediately cease and desist from such unauthorized sale of Vortioxetine in India and not launch any such product. If already launched, such infringers are required to withdraw and recall the already launched product



KARNATAKA STATE INDUSTRIAL AND KSIIDC INFRASTRUCTURE DEVELOPMENT CODDODATION LIMITED (KEIDO)

GOVERNMENT OF PUDUCHERRY

NOTICE INVITING E-TENDER FOR OPERATION, DEVELOPMENT/UPGRADATION AND NTENANCE OF TOURISM PROPERTIES AT CHINNA VEERAMPATTINAM REACH IN PUDUCHERS

🚳 NORTH CENTRAL RAILWAY, PRAYAGRAJ E-TENDER NOTICE No.: T_22-23_LHB_AC_Coach_NOTICE, Date: 12.05.2022 Chief Workshop_Manager, Coach_MLR Workshop, Jhansi for and on behalf of the

SOUTHERN POWER DISTRIBUTION COMPANY OF A.P. LIMITED
Corporate office: H.No. 19-13-65/A. Srinivasaguram, Tiruchangor Road, Tirupati-517503

Name of the work

Survey, Design, Supply, Installation, Commissioning of 24 loss, (fivently four) 43/11/W Semi-Indoor Sub-Istalians in Anantago District on Semi-hurnkey basis with interviel assistence from PFC.

Contact No.: 8332999180 & 8332999985 CHIEF GENERAL MANAGER/PROJECTS

Tender No.	Description of Work	Qty.	Tender Cost	Completion period	Earnest money	Tende doc. cost
T_22-23 _LHB_ _AC_ Coach	Electrical partial POH activities for LHB coach as per scope of work at CMLR Workshop Jhansi	One work	₹ 3,82,67,847.76/- (Rs Three Crores eighty two lakhs sixty seven thousand eight hundred forty seven & paise seventy six only)	24 Months	₹ 3,41,300/-	₹ 0/-

(1) Tender will be closed at 15:00 Hrs on 17.05.2022 and is available on Indian Railway E-Tendering website www.ireps.gov.in. (2) For detailed information please visit indian Railway E-Tendering website www.ireps.gov.in.(3) Tenderers should watch the website for the corrigendum/addendum to the NIT/o-tender document, if any as

¶ North central railways www.ncr.indianrailways.gov.in ♥ @ CPRONCR 569/22(AN)

📦 NORTH CENTRAL RAILWAY, PRAYAGRAJ

Tender Notice

For and on behalf of President of India, the Sr. Divisional Electrical ingineer (Gen) North Central Railway, Jhansi invites open tenders through line (E-Tendering) for the following work:

Name of work	Tender value	Earnest money	
art-A: Provision of Modification of Switchgears at			

Supply remains erratic; Kolar pipeline testing successful: BMC

TIMES NEWS NETWORK

Bhopal: Water supply remainicipal Corporation (BMC) claims that new Kolar water supply pipeline testing was successful. Heated arguments took the people. Arrangements have place between opposition Cong- been made for drinking water, ress leaders and BMC officials. For the most part of

the most part of two days, BMC zone and ward level water supply officials have swit- vees have made a mockery of the ched off their phones. It left re- water supply situation. People sidents outraged with no assi-

private water supply tankers. Confrontation with BMC staffers took place near BMC HQ at Mata Mandir. Local politicians pointed out that milhing out of the main pipeline while people were not getting schedule they wait was longer any supply. The water from pipeline created a drain near Rithat valves were being flushed for three days. Former minister

Name of the work

They sought immediate resolution to the water crises.

Later in the day, BMC city ned erratic despite Bhopal Mu- engineer water supply too switched off his official phone. Guddu Chouhan said that

there is no water in the toilets of but in this scor-WATER ching heat, water is not available for

> tic use. BMC emplo looking for water in the afterno

stance and left at the mercy of on with spotted with utensils and cans filling water from any source as possible. People were seen carrying water on two-whe elers trying to make ends meet Some areas in the city received lions of gallons of water gus- on Sunday morning but in others on evening water supply

In many areas of the city, people are seen searching for wavera township. BMC claimed ter with carrying cans. Water is being supplied to the houses after Kolar pipeline was tested from water tankers. Private operators charged a premium and MLA PC Sharma along forwater supply during the four with local Congress leader Gud-days of complete Kolar pipeline du Chouhan were at the spot. shutdown.

SIP No. Download start date

42 new Covid cases in MP; active infections near 250-mark TIMES NEWS NETWORK VIRAL LOAD

Bhopal: After a gap of two days, state recorded over 40 new Covid cases - at 42 on

Before this, over 40 new cases were reported in the state in a single day on May 11. Thus the number of active patients crossed 250 mark and increased to 262. on Sunday from 244 on May 14. From 136 active cases on March 31, there are now 262. active cases. In one-and-ahalf month active cases have increased by more than 80% in the state, and the number is now inching closer to 250 mark.

Now infections were re ported only from 13 of the 52 districts of the state.

Among these 13 districts, nine new cases were reported from each of Gwalior and Bhopal districts, six new cases were reported from Indore district, four new cases were reported from Guna district, three new cases were reported from Morena district and two new cases were report-

Gwalior 9 each Indore 6 Guna 4 Morena Datia. Harda. Jabalpu 2 each ed from each of Datia, Har da and Jabalour districts

Besides, these one new case was reported from Betul bad, Raisen and Tikamgarh districts. Positivity rate of 0.5% was reported in the state Positivity rate is the number of people testing positive out of every 100 samples tested. Only 7780 samples were tested in the state. On the brighter side 24 people recovered, taking the count of those who have recovered so far from Co vid-19 to 10,30,948.

Sr women nat'l c'ship hockey semi-finals start from today

TIMES NEWS NETWORK

Bhopal: The semi-finals of the 12th Hockey India Senior Women National Championship 2022, at Mai Dhyan Chand grounds are set to take place, as the top four teams - Hockey Haryana, Hockey Karnataka, Hockey Association of Odisha, and Hockey Jharkhand - will battle it out on Monday, for a place in the fi-

nals of the competition. The first semi-final will witness Hockey Haryana and Hockey Karnataka square off against each other. Hockey Harvana entered the contest after a hard-fought 0-0 (3-2 SO) win against Uttar Pradesh Hockey in their quarter final

match Speaking about the team's Semi-Final match against Hockey Karnataka. Hockey Harvana Coach Kuldeep Siwach said, "Hockey



On the other hand, Hockey Karnataka, won their closely-contested quarter-fi nal match 1-1(5-4 SO) agains Hockey Punjab. "My team has done well and I am proud of them. We cannot be complacent as we will be fac ing a competitive team like Hockey Haryana, who have always been among the top four. We are not focusing too much on Hockey Harvana at this moment rather we are focusing on keeping our ba sics right. We are looking forward to the challenge said Hockey Karnataka Coach Verghese Kallikka-