

Minutes of the Meeting (MoM) of the Union Territory Expert Appraisal Committee (UTEAC)
Held on 12th October, 2021.

Meeting of the Union Territory Expert Appraisal Committee (UTEAC) of Dadra & Nagar Haveli and Daman & Diu to discuss upon the following four Projects was convened under the Chairmanship of Dr. V. P. Upadhyay via video conferencing through "Cisco Webex" at 11:00 a.m. on 12th October, 2021. The following members joined the online meeting:

- 1) Dr. V P Upadhyay, Retd. Scientist MoEF&CC (Advisor), Chairman, UTEAC
- 2) Shri Arvind Vispute, Retd. Conservator of Forest (Member)
- 3) Shri Rajthilak S., IFS, Dy. Conservator of Forests DNH&DD, (MS, UTEAC)
- 4) Ms. Charmie Parekh, Dy. Town Planner, DNH&DD.

The Member Secretary, UTEAC welcomed the Chairperson and Members of the Expert Committee. The following proposals with their respective details were considered during the meeting:

Sr. No.	File No.	Project Proponent	Status
1.	UTEIAA/DNH-DD/2021/07	Pramukh Realty	Proposed EC

Proposal : **Proposed Residential / Commercial Project**
Address : S. No. 161/1/2, 161/1/4, 161/1/7 & 161/1/8, Nr. Ayyappa Temple,
Oppo. Akshar Green, Kamli Falia, Silvassa, DNH & DD, 396230

Land Area : 7700.00 Sq.m.

Cost of the Project : capital investment 20.50 crore

Scope of Work

Plot Area (Sq. Mt.)	7700.00 Sq.m
Ground coverage (Sq. Mt.)	2130.21 Sq. m.
Permissible Floor Area (Sq. Mt.), FSI	Not Mentioned
Proposed Floor Area (Sq. Mt.) FSI	Not Mentioned
Built up area (Sq. Mt.)	26458.02 Sq.m.
No. of Floors	Not Mentioned
Maximum Height (m)	33.66 m
No. of Blocks	5
Number of units	195 flats && 06 shops
Parking Area (Sq. Mt.)	3100.00 Sq.m.
Common Area (Sq. Mt.)	Not Mentioned
Tree Covered Area (Sq. Mt.)	470
Power Requirement (KW)	500

Water and Waste Water Details

Total water requirement (KL/day): 136.00 KLD

- Fresh water requirement (KL/day): 79.80 KLD
- Source of water: Water Tanker (During Construction Phase) Silvassa Municipal Corporation & Recycled water from STP (During Operation Phase)
- Waste water generation quantity (KL/day): 108.80 KLD
- Mode of disposal: Soak Pit during construction phase while during operation phase the generated waste water will be sent to the proposed STP (150 KLD) for treatment.
- In case of STP provision, capacity of STP: Yes 150 KLD
- STP Technology: MBBR Technology
- Purposes for treated water utilization: Gardening and Flushing
- Quantity of treated water to be reused:
 1. Gardening (KL/day): 3.0
 2. Flushing (KL/day): 53.2
- Provision of dual plumbing system (Yes/No): Yes
- Quantity and type (treated/untreated) of sewage to be discharged: Waste water to be generated will be disposed into STP. Treated water will be used for gardening & flushing purpose within premises and remaining quantity of treated water will be discharged into the Municipality Sewerline

Solid / Hazardous Waste Management and Disposal:

a) During Construction Phase

100 Workers * 500gms / person / day = 50 Kgs /day

b) During Operation Phase

195 flats * 5 persons per flat * 500 gms / person / day = 487.50 Kgs /day

6 Shop * 3 persons per shop * 500 gms / person / day = 9.0 Kgs / day

c) Mode of Disposal: The Municipal solid waste generated during operation phase will consist of Organic Waste (Waste vegetable and food) whereas the Inorganic waste (Papers, cartons, thermocol, plastic, polythene bags, glasses etc.) The solid waste generated will be approximately 496.5 kg/day. The reusable waste will be sold off. The non-recyclers solid waste generated will be collected, Segregated & treated onsite by waste to compost machine.

Observations / Discussions: -

The project proponent gave brief details of the project. Following points emerged from the presentation and after perusal of documents:

1. The document is “cut and paste” exercise for most of the contents. The pages 1-21 are same as in other project document earlier appraised by UTEAC. Therefore, there is no specific EMP for this project to know the mitigation measures of proposed activity. The OM no. J-11013/41/2006-IAII(I) date 5.10.2011 of MoEFCC is attracted in this case. As per above OM, such projects are asked to submit proposal afresh for appraisal. Other action as desired in the OM may be taken by UTEIAA with appropriate direction to Project proponent and the consultant.

The fresh proposal is, therefore, needed which may include the following among others as per format and guidelines for construction projects and the project proponent should deliberate upon the below mentioned issues:

1. Local and native Species of plants intended for plantation in the project premises should be decided upon consultation with local forest officer.
2. Document issued by Municipality for validity of Collector’s permission for undertaking construction.
3. Status of approval from CGWA for water tankersupplier from whom water will be taken during Construction / operation phase.
4. Green belt coverage (at least 30 %) to be revised and plan re-submitted.
5. Copy of letter containing details of treated water (instead of discharging in municipal drain)to be submitted to the Silvassa Municipal Corporation as well as Member Secretary, UTEAC that can be used for any other purpose.
6. Plan for Harvested rainwater for use for Fire-fighting purpose.
7. Proponent informed to voluntarily allocate some amount from the Corporate Environmental Responsibility fund, for the locals. Written document to be submitted to the UTEAC on the same.
8. Environmental Management Plan to be revised and re-submitted as it was a copy of the previously submitted copy of another similar project.

Sr. No.	File No.	Project Proponent	Status
2.	UTEIAA/DNH-DD/2021/09	M/s. Leebo Metals Pvt. Ltd. (Unit - II)	Proposed ToR

Address : Plot No. 370/2 (13), Kachigam Main Road,
Kachigam, Nani Daman, Daman - 396210

Proposal: Proposed New Project for manufacture of "Non-Ferrous Metal products"

Project Highlights:

Sl. No.	Particulars	Details
1.	Total plot area	4924.26 Sq. m.
2.	Land for Green belt	Total Greenbelt Area =1950.00 m ² (40% of total area). Out of which, 1000.00 m ² (20%) is within premises and remaining 950.00 m ² (19 %) is in common plot Area of the Industrial Estate.
3.	Production capacity	9600 MT/Annum
4.	Cost of project	Rs. 1140.00 Lakhs.
5.	Capital and recurring cost earmarked for environmental protection measures	Capital cost for EMP: Rs. 50.00 Lakhs and Recurring cost for EMP with CER: Rs. 20.76 Lakhs/Annum
6.	Total Fresh Water requirements sources	5.40 KLD. Source: Ground water (Borewell within premises)
7.	Total Power requirement and source	1600 KW Source: DDED - Daman and Diu Electricity Department Electricity.
8.	D .G. Set (Standby power source)	100 KVA (1 no.)
9.	Fuel requirement	HSD: @25.00 Lit/Hr.
10.	Bright Annealing Oven	45 KW (1 no.)

11.	Fuel requirement	Electricity: 45 KW
12.	Extrusion Pre-Heating Oven	12 KW (01 no.)
13.	Fuel requirement	Electricity: 12 KW
14.	Utility Emissions	PM< 150 mg/Nm ³ , SO ₂ < 100 ppm, NO _x < 50 ppm
15.	Man Power	60 nos.
16.	Air pollution Control Measures	Adequate Stack to D.G. set as per CPCB guidelines
17.	Waste water Generation	Domestic: 3.00 KLD Industrial: 0.10 KLD
18.	Resource Recovery Reuse/Recycling	3.10 KLD Water from modular STP & 0.10 KLD from Cooling blow down will be reused for gardening.
19.	Waste water management	<ul style="list-style-type: none"> • Domestic Sewage will be sent to modular STP. • Cooling tower Blow down will be sent to ETP for primary treatment.
20.	Solid/Hazardous Wastes	<ul style="list-style-type: none"> • Used oil (5.1) - 120.00 Liter/ Annum. • Cotton Waste & Hand Gloves (5.2) - 200.00 Kg/Annum. • Non-Ferrous metals Chips – 2900.00 MT/Annum.

Observations / Discussions: -

The project proponent gave brief details of the project. As per committee discuss with proponent the applicability of EC will be as per the capacity of plant which is mentioned in EIA notification 2006. The Chairman, UTEAC advised the project proponent to deliberate upon the below mentioned issues:

1. The proposal document needs complete revision at the places where it is mentioned that “EIA Notification is not attracted”. Proposal must comply with the order of Hon’ble NGT in OA 55-2019(WZ) dated 12.02.2020 where in direction is given for all industries under category B of Schedule 3(a) of EIA Notification 2006 to obtain EC.

2. Submission of Authorization Letter by Consultant working on behalf of project proponent.
3. Proponent to submit a self-certified document declaring whatever information has been furnished, the proponent is in ownership of the document.
4. Proponent to revise the proposal document in light of NGT order for UTEAC to carry out the appraisal.
5. Proponent instructed to write a request letter to the Member Secretary UTEAC for issuance of Terms of Reference (TOR).
6. The consultant has not done the exercise properly as per the applicable rules & regulations.
7. Copy of Environmental Clearance for Unit – I to be submitted to the UTEAC.
8. It was recommended to include appropriate plan for some greenery corridor in the plant as well as outside boundary, if feasible.
9. Clarification needed on the quantity of groundwater extracted. Rainwater Harvesting system has to be proposed with designs and details of recharge and reuse. It is mandatory. Water balance diagram should be revised. Groundwater conservation to be made the prime objective.
10. CGWA approval for groundwater extraction once the feasibility report is prepared and submitted.
11. Documents to show that the unit is located in a Govt. Notified Industrial Area.
12. Unit told to explore to dispose of the cotton waste to some nearby industry having furnace instead of sending it for a long distance to CHWTSDF site in Silvassa. Necessary permission from UT PCC may be obtained.

After submission of revised Form – I and Form 1 A and other documents by Project proponent to UTEIAA and after uploading on website, standard TOR as applicable to category B Schedule 3(a) industry, may be accorded by UTEIAA along with above conditions/ mitigation measure recommended by UTEAC which are to be included in EIA report by Project proponent. Non-compliance of the TOR condition will attract action as per OM no.22/35/2020-IA-III dated 22.02.2021.

Sr. No.	File No.	Project Proponent	Status
3.	UTEIAA/DNH-DD/2021/10	Jas Exotica – II (Residential / Commercial)	Proposed EC

Proposal Address : Proposed Residential / Commercial Project
: Not Provided

Land Area : 21,008 Sq.m.

Cost of the Project : 29.22 Cr.

Scope of Work

Plot Area (Sq. Mt.)	21,008
Ground coverage (Sq. Mt.)	3,437.02
Permissible Floor Area (Sq. Mt.), FSI	42,016
Proposed Floor Area (Sq. Mt.) FSI	21,709.23
Built up area (Sq. Mt.)	31,055.64
No. of Floors	Not Provided
Maximum Height (m)	30.65
No. of Blocks	4 Building, 5 Bungalow
Number of units	105, Bungalow - 5
Parking Area (Sq. Mt.)	5068
Common Area (Sq. Mt.)	Not Provided
Tree Covered Area (Sq. Mt.)	1050
Power Requirement (KW)	1100 KVA

Water and Waste Water Details During Construction Phase:

- Water requirement (KL/day):20.25
- Source of water: Tanker
- Waste water generation quantity (KL/day):10
- Mode of disposal: Septic tank & Soak pit
- Details of reuse of water, if any:4 KLD for curing

Water and Waste Water Details During Operation Phase:

- Total water requirement (KL/day):101
- Fresh water requirement (KL/day):48
- Source of water: Silvassa Municipal Council
- Waste water generation quantity (KL/day):69
- Mode of disposal: Sewage to be generated will be treated in the proposed onsite STP. Treated sewage will be used for gardening & flushing purpose within premises
- In case of STP provision, capacity of STP:100 KLD
- STP Technology: STP with Electrolysis technology (UV + UF + Ozonation)
- Purposes for treated sewage utilization: Gardening, Flushing, car wash, floor wash
- Quantity of treated sewage to be reused:
Gardening (KL/day):25

Flushing (KL/day):27

Floor wash (KL/day):8

Car Wash (KL/day):2

- Provision of dual plumbing system (Yes/No): Yes
- Quantity and type (treated/untreated) of sewage to be discharged: Sewage to be will be treated in the proposed onsite STP. Treated sewage will be used for gardening & flushing purpose within premises. Surplus treated waste water will be given to farmers for agriculture activity or road side plantation

Solid Waste Management During Construction Phase:

Type of waste	Generation (m ³)	Quantity to be reused (m ³)	Mode of Disposal / Reuse
Top Soil	1000	1000	Greenbelt development
Other excavated earth	4100	4100	Reuse for internal road development and back filling
Construction debris	270	270	Reuse for internal road development and back filling.
Steel scrap	6	0	Balance debris will be handed over to SMC
Discarded packing materials	2	0	Sold to vendors

Solid Waste Management During Operation Phase:

Type of waste	Generation Quantity (Kg/day)	Mode of waste collection	Mode of Disposal / Reuse
Dry waste	186	White Bins	Sold to Vendors
Wet waste	136	Green Bins	OWC
STP Sludge	1 to 1.5 kg	Dry Manure	Sold to Vendors

Observations / Discussions: -

The project proponent gave brief details of the project. Following points emerged from the presentation and after perusal of documents:

13. The document is “Cut and Paste” exercise for most of the contents. The contents in Annexure 10 (EMP) are same as in other project document earlier appraised by UTEAC. Therefore, there is no specific EMP for this project to know the mitigation measures for proposed activity. The OM no. J-11013/41/2006-IAII(I) date 5.10.2011 of MoEFCC is attracted in this case. As per above OM, such projects are asked to submit proposal afresh for appraisal. Other action as desired in the OM may be taken by UTEIAA with appropriate direction to Project proponent and the consultant.
14. Ann.9 and Ann. 10(EMP), Form 1A, Soil related texts in the submitted document are most similar and made by copying the content from other project document which was appraised by UTEAC earlier.

The fresh proposal is, therefore, needed which may include the following among others as per format and guidelines for construction projects and the project proponent should deliberate upon the below mentioned issues in length in the proposal:

1. Baseline data on existing AAQ, Water, and Noise quality in and around the project area has not been submitted by project proponent that needs to be presented in revise report.
2. Rainwater Harvesting system has to be proposed with designs and details of recharge and reuse. It is mandatory.
3. Water balance diagram should be revised. Groundwater conservation to be made the prime objective.
4. Permission dated 2/7/2003 and 30/6 for 1.8 ha and 2.19 ha, respectively mention presence of 90Mango trees and 250 trees, respectively. There is need to have a report from Forest Department along with recommendation for considering this project.
5. Green belt plan is deficient as there is no mention of species and location and schedule of planting. A detailed plan be submitted in revised EMP.
6. As suggested by proponent that they will change the name of project. Revise application may be suitable submitted.

Sr. No.	File No.	Project Proponent	Status
4.	UTEIAA/DNH-DD/2021/11	M/s. Khemani Distilleries Pvt. Ltd.	Appraisal

Address: Plot No/Survey No/Khasra No: 50/1-A(1), 50/1-g, 50/2, 53/1, 53/2, 53/4, 58, 59/1, 59/2, 59/3, 59/3-A, 60/4, 60/5& 60/6, 206/1, 206/2, 207/1,208/1, 208/2, 209, 254/2, 254/3, 254/4, 254/6, 254/7, 254/8, 255/1, 255/2, 256/1 &256/3,Kachigam Road,Ringawada, Nani Daman,Daman – 396210.

Proposal: Request for amendment in Environmental Clearance for existing Grain Based Distillery 71 KLPD along with 3.75 MW Co-Generation Power Plant based on Agro waste fuel – Briquette and 66 lakhs cases IMFL with new installation 33 KLPD MSDH at Village – Kachigam & Ringanwada, Nani Daman

Amendment Sought for: Amendment in EC with installation of 33 KLPD MSDH unit for enhancing ethanol purity from 95 to 99.9%

Reasons for Amendment:

As per GOI's Policy - In order to utilize fuel grade ethanol for blending in petrol the existing purity of ethanol is 95% which will be enhanced to 99.9%, which is fuel grade (around 4.9% water will be distilled to enhance ethanol purity to 99.9%) by setting up MSDH Plant and manufacturing fuel ethanol/ Pharma Grade Absolute Alcohol. In order to enhance the purity of ethanol from 95% to 99.9% we require amendment in EC. The group wants to reduce the outflow of money from UT of Dadra Nagar Haveli, Daman & Diu in the form of oil import bill as well as environmental pollution levels.

MoEF&CC / UTEIAA File No : IA-J-11011/261/2020-IA II (I)

Date of issue of EC : 28/12/2020

Project Details:

Sl. No.	Particulars	Unit	Existing	Proposed	Total	Impact
1.	Plot Area	Sq. m.	97,473	-	97,473	No Change
2.	Plant Product Capacity	KLD	71	-	71	No Change
3.	New Product MSDH	KLD	-	33	33	Addition
4.	Power Plant Capacity	MW	3.75	-	3.75	No Change
5.	Estimated Project Cost	Cr.	100	8	108	Addition
6.	Staffs (Full time / Contractual)	Nos.	425	-	425	No Change
7.	Power Requirement	MW	2.7	0.1	2.8	Addition (Extracted from existing Co-Generation)

						Power Plant)
8.	D.G. Set (Back Up)	KVA	500 & 2 * 1000	-	500 & 2 * 1000	No Change
9.	Capacity of Boiler	TPH	2.75 & 12 Standby	-	2.75 & 12 Standby	No Change
10.	Water Requirement	KLD	3278	-	3278	No Change
11.	Fresh Water Requirement	KLD	1204	-	1204	No Change
12.	Waste Water Generation	KLD	907	-	907	No Change
13.	Waste Water Treatment	KLD	ETP – 600 STP – 200 R.O M.E. 350 KLD Wastewater Recovery Plant	-	ETP – 600 STP – 200 R.O M.E. 350 KLD Wastewater Recovery Plant	No Change
14.	No. of Rainwater Harvesting Pits	KL	12 nos. of Rain Harvesting pit with recharge capacity of total 210672 cum.	-	12 nos. of Rain Harvesting pit with recharge capacity of total 210672 cum.	No Change
15.	Green Area (33 %)	m ²	32200.00	-	32200.00	No Change

Product & By-product Details:

Sl. No.	Particulars	Units	Total	Use
Products				
1.	ENA	KLD	71	Used in making IMFL, MSDF, sold to market.
By-Product				
1.	DWGS	TPD	95	As Cattle Feed
2.	DDGS	TPD	33	
3.	CO2	TPD	36	Recovered by CO2 plant & sold commercially
New Installation				
1.	MSDH	KLD	33	Fuel Ethanol / Pharma Grade absolute Alcohol

Raw-Material Requirement:

Sl. No.	Name	Existing Quantity (TPD)	Proposed Quantity (TPD)	Total (TPD)	Source	Distance & Mode of transport-
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						storage
1.	Discarded Grains - Broken Rice, Maize, Bajra, Sorghum, Jawar, and Agro based raw materials	-	-	165	Open Market	100 Kms to 1200 Kms by road / rail. Stored in Gunny Bags, Silos.
2.	Ethanol, 95 %	-	35	35	From 71 KLPD Ethanol Produced in-house	Within the plant premises

Chemical Requirement:

Sl. No.	Name	Existing Quantity (TPD)	Proposed Quantity (TPD)	Total (TPD)	Source	Distance & Mode of transport-storage
1.	Sodium Hydroxide (Caustic)	80	-	80	Local Market from Daman & Vapi	7-15 Kms. By road & stored in plastic Carboys
2.	Nutrients	23	-	23	Local Market from Daman & Neighbouring State	7-15 Kms. By road & stored in Gunny Bags
3.	Enzymes	96.6	-	96.6	Local Market from Daman & Neighbouring State	150-200 Kms by road & stored in Plastic Carboys
4.	Anti-foam Agent	34.5	-	34.5	Local Market from Daman & Neighbouring State	100-200 Kms by road & stored in Plastic Carboys
5.	Yeast (Active Dry Yeast / Distiller's Yeast)	27.6	-	27.6	Local Market from Daman & Neighbouring	500-1000 Kms by road &

					State	stored in Plastic Carboys
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Fuel Requirement:

Sl. No.	Fuel Type	Daily Consumption (TPD & Source)	Distance & Mode of Transportation
1.	Rice Husk / Bagasse / Briquette for Boiler (27.5 TPH)	150 MT/Day from Local Market	20 – 200 Kms by Road
2.	Furnace Oil (for backup boiler)	26 MT/ Day (only for backup)	20 – 200 Kms by Road

Observations / Discussions: -

The project proponent gave brief details of the project. The Chairman, UTEAC advised the project proponent to discuss the following as proposal does not confirm B2 category as provided in amendment dated 16.6.21:

The MoEFCC notification S.O. 2339(E), dated 16th June, 2021 provided through Schedule, against item 5(g), for the entry in column (5) as follows:

Expansion of sugar manufacturing units or distilleries for production of ethanol, having Prior Environment Clearance (EC) for existing unit, to be used completely for Ethanol Blended Petrol (EBP) Programme only, as per self-certification in form of an affidavit by the Project Proponent, shall be appraised as category 'B2' projects.

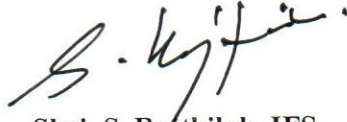
Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled”;

The present proposal is for setting up MSDH Plant and manufacturing/ production of fuel ethanol/ Pharma Grade Absolute Alcohol. *Self-certification in form of an affidavit by the Project Proponent has also not been submitted to UTEIAA. So, the ethanol, proposed to be produced is not completely for EBP Programme.*

Therefore, the present proposal does not fall under the purview of Notification dated 16th June, 2021. Instead, it is B1 project and standard TOR is recommended to be considered by UTEIAA with following additional TOR conditions:

1. Compliance status of the existing conditions of existing EC dated 27.8.18/28.12.2020 may be discussed in EIA report with mitigation measure and compliance of Norms and standards fully described for better understating of achievements.
2. The documents pertaining to compliance status of existing CTO and CGWA conditions may to be updated and uploaded on website and also made part of EIA report.

This is issued with the approval of the Chairman, UTEAC, DNH & DD.



**Shri. S. Rajthilak, IFS
Member Secretary, UTEAC,
DNH & DD**