



संघराज्यप्रशासन, लद्दाख

लद्दाखप्रदूषणनियंत्रणसमिति

No: -LPCC/UTL/2023/Guidelines/ 4225-4230

THE ADMINISTRATION OF UNION
TERRITORY OF LADAKH
LADAKH POLLUTION CONTROL
COMMITTEE

Dated: 13/09/2023

ई-मेल/email: regionaldirectorlpcc@gmail.com

The State Informatics Officer,
NIC, Leh,
UT of Ladakh.

The Joint Director,
DIPR, Leh,
UT of Ladakh.

Subject: Inviting Comments/Suggestions from stake holders/general public of the Draft Guidelines for Hotels/Restaurants/marriage Halls/Banquets Halls/ Party Venues.

Sir,

This has reference to the above-cited subject. In this regard, you are requested that the Draft Guidelines for Hotels/ Restaurants/ Marriage Halls/ Banquets Halls/ Party Venues (Enclosed) be posted on the website of UT of Ladakh, for inviting comments/suggestions from stakeholders. The comments/suggestions received up to 13th of October, 2023, will be considered before the guidelines are finalized.

This is for your kind information and further necessary action.

Encl: A/A

Yours sincerely,

आदित्य मदनपोत्रा, भा. व.से. / Aditya Madanpotra, IFS

क्षेत्रीय निदेशक / Regional Director,
लद्दाख प्रदूषण नियंत्रण समिति / Ladakh Pollution Control Committee,
यू.टी. लद्दाख/UT of Ladakh.

Copy to the: -

1. Chairman, Ladakh Pollution Control Committee, UT of Ladakh, for favour of kind information.
2. Member Secretary, Ladakh Pollution Control Committee, UT of Ladakh, for favours of kind information.
3. District Officer, Leh & Kargil, Ladakh Pollution Control Committee, UT of Ladakh, for favour of information.

**GUIDELINES FOR HOTELS/
RESTAURANTS/MARRIAGE HALLS/BANQUET HALLS /
PARTY VENUES**

With a view to synchronize the establishment and functioning of the hotels with the laws governing Environmental Protection and Public health, the Draft Guidelines have been prepared by the Ladakh Pollution Control Committee (LPCC), for obtaining Consent to Establish and Consent to Operate for the Hotels and Restaurants.

Comments/Suggestions on the draft Guidelines may be send to the Member Secretary, LPCC, UT Ladakh, preferably through email-membersecretarylpcc@gmail.com, with the subject title: “Comments on draft Guidelines for Hotels etc, latest by 13.10.2023.



**LADAKH POLLUTION CONTROL COMMITTEE
SKARA YOKMA, NEAR KBR AIRPORT,
UT OF LADAKH, LEH-194101.
(SEBTEMBER,2023)**

DRAFT

1 Mechanism/Guidelines/Mitigation Measures

The mechanisms and options for control of pollution and enforcement of environmental laws with particular focus on the common environmental issues symptomatic to such establishments are outlined below.

1.1 Water Pollution

- i The Units shall provide Effluent/Sewage Treatment Plant. Entire waste water generated from kitchen, laundry and domestic sewage should be treated in ETP.
- ii The Units shall maximize reuse of treated sewage in toilet flushing, floor washing, gardening and other non-potable purposes.
- iii The Unit shall install water meters to record the daily consumption of water and separate electromagnetic flow meter at the inlet and outlet of Effluent Treatment Plant to record actual flows on daily basis.
- iv The Unit shall install separate energy meters, to record the energy consumption of the Effluent Treatment Plant on daily basis, prior to completion of the project.
- v The treated water shall be discharged as per the conditions specified by the LPCC.
- vi The quality of treated sewage and trade effluent should be analysed regularly once in a month and report shall be furnished to the LPCC. Moreover, the LPCC shall carry out surprise cross-checks.

1.2 Ground water extraction

- i Necessary permissions should be obtained from concerned Competent Authority for extraction of ground water.
- ii LPCC to take action against Units for unauthorized or illegal ground water extraction without proper permissions from the concerned Competent Authority.
- iii Groundwater extraction pits/points should have required meters for recording flow/quantity of water-extraction and the same shall be within the limit/quantity approved by the concerned authority.

1.3 Water Conservation Measures

- i Maximize reuse of treated water for non-potable purpose/gardening, etc.
- ii All the Units shall furnish quarterly reports to the concerned LPCC showing quantity of water consumption (month-wise) and quality of treated water.
- iii Rain water harvesting systems must be installed by all Units in consultation with the concerned Agency. Bigger Hotels/Halls need to make for both roof-top and ground-based harvesting of rain water. In case roof-top harvesting is not possible/viable, the smaller Halls/Venues having hosting capacity of less than 500 persons/guests should then go for ground-based/artificial storage systems, storage tanks and other similar arrangements.
- iv Along with bigger Hotels, all Marriage Halls/Venues need to use efficient fixtures such as low flow shower heads, bath, sink faucet aerators, low flow toilets etc.

1.4 Air Pollution

Gensets and Fuel

- i Units to use approved fuel (e.g. LPG, PNG, Charcoal for tandoor, boiler, etc.). Preference should be given to cleaner fuels in such cases.
- ii The Units shall properly channelize the fugitive emissions including emissions from cooking & kitchen operations by providing proper ducting / hood arrangement and proper exhaust system and emissions.
- iii Only Gensets having necessary Type Approval for emissions/ Noise level from the concerned agencies to be installed at the premises.
- iv The Unit shall provide stack for the emissions from the generator as well as acoustic enclosure for Gensets as per the specified norms.

1.5 Energy Conservation Measures

- Application of **solar energy** in various areas such as illumination, water heating, etc. should be promoted.
- Use of inverters instead of Diesel Generator sets to be encouraged.
- LED bulbs should be used.

1.6 Solid Waste Management

- i The Units shall properly handle, manage and dispose off the solid waste generated in compliance with the provisions of the Solid Waste Management Rules, 2016.
- ii As per clause 3 (8) of the Solid Waste Management Rules, 2016, Marriage Halls generating waste of more than 100 kg/day fall under the category of 'Bulk Waste Generator' and should ensure compliance with the provisions of the Rules, and in specific the following:
 - a. Store horticulture waste and garden waste generated from such premises separately within their own premises, and
 - b. No waste generator shall throw, burn or bury the solid waste generated, on streets, open public spaces, outside the premises or in the drain or water bodies.

All Hotels and Restaurants shall, within **six months** from the date of notification of these Guidelines and in partnership with the Local Body, ensure segregation of waste at source as prescribed in these rules, facilitate collection of segregated waste in separate streams, handover recyclable material to either the authorised waste pickers or the authorised recyclers. The bio-degradable waste shall be processed, treated and disposed off through composting or bio-methanation within the premises as far as possible. The residual waste shall be given to the waste collectors or agency as directed by the Local Body.

- i The segregated food waste, from the solid waste generated in the Unit, shall be treated in Organic Waste Converter. The treated compost shall be used as manure.
- ii The Unit shall ensure that the hazardous waste (used oil, used batteries etc) generated in the premises are collected properly and disposed only through authorised recycler registered with the MoEF&CC/CPCB and having valid Consent/Authorization of the LPCC.
- iii The concerned local authorities shall make necessary arrangement for collection and processing of waste from these Units in accordance with provisions of the SWM Rules.

1.7 Noise pollution

- i The Unit shall obtain permission from designated authorities as per the provisions of the Noise Pollution (Regulation and Control) Rules, 2000.
- ii The Unit shall comply with the provision of the Noise Rules, specifically Rule 5 and Rule 6 of the Noise Pollution (Regulation and Control) Rules, 2000.
- iii DJ set, if used, should be operated within the premises till 10 PM only. No loudspeakers and bands should be permitted beyond 10 PM.
- iv DG sets shall comply with the provisions of the Noise Pollution (Regulation and Control) Rules, 2000.
- v Use of only green crackers to be permitted upto 10 PM as per the Hon'ble Supreme Court Guidelines.

1.8 Infrastructure issues and other requirements

(a) Infrastructure requirement

The Units come up in a cluster leading to severe stress on basic infrastructure, including traffic management, parking as well as pose a fire hazard etc. Accordingly, the following needs to be complied with:

(i) Parking facilities

- Adequate infrastructure arrangements may be made w.r.t parking in the area by Local Authorities. The parking capacity to be in line with the hosting capacity of such Units.
- In areas where public parking is not commonly possible, banqueting area may be restricted and provision for parking to be made within the Units' premises. Alternatively, the Units may outsource parking to authorize parking lots subject to satisfaction of traffic authorities. Valet parking facilities may be provided in such areas.

(ii) Traffic movement

- The use of DG sets kept on trucks/trolleys during the Barat Processions also causes air and noise pollution, apart from creating traffic congestion; hence, the use of DG sets during such processions needs to be prohibited in not having adequate space for movement of vehicles. Prior permission for such processions to be taken from local authorities

(iii) Fire safety

- The Units to make adequate arrangements for fire safety and obtain fire safety certificate from the respective UT Government agencies.

The Units to take permission from the local authorities for the hosting capacity of such Units which is to be commensurate with the facilities provided within the Unit as well as the common infrastructure facilities of the area. Local Authorities to ensure adequacy of infrastructure facilities for existing Units before granting necessary permissions. In case it is not possible to provide these facilities required for existing Units, such Units may be shifted out of the area. Fresh approval of new Units to be considered based on the adequacy of these facilities.

- (b) Building plans to be approved by the concerned authorities. Local Authorities to ensure that these Units are operating in compliance with approved building plans and without any parking & traffic issues.
- (c) Bigger Units/Star Hotels shall develop green belt within its premises and shall furnish the green belt development plan while applying for Consent to Operate.

2 . Consent of Pollution Control Committee to Establish/Operate in accordance with the Section 25/26 and Section 21 of the Water (Prevention and Control of Pollution) Act, 1974, and Air (Prevention and Control of Pollution) Act, 1981.

Consent to Establish and Consent to Operate:

- i As per the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, Units are required to obtain Consent to Establish before commencement of the construction activities and Consent to Operate (CTO) before starting operation of the Units (individual establishments and the area/cluster of Restaurants/Hotels/Motels/ Banquet Halls etc.) from the LPCC.
- ii Further, the LPCC shall direct the defaulting Units for paying Environmental Compensation for damaging the Environment considering their operations despite being non-compliant. The LPCC may workout and assess the amount of Environmental Compensation in-line with the mechanism for charging Environmental Compensation as evolved by the CPCB.

3 . The Consent to Establish/Consent to Operate shall be granted to the Hotels on fulfilment of required conditions as given under:

- (i) Hotels upto **6 rooms** shall **not require Consent to Establish/Consent to Operate** of the Committee provided they maintain properly reinforced cement concrete **Septic Tanks/Soak Pits** and do not become nuisance to the surroundings.
- (ii) Hotels with **7 to 9 rooms** shall obtain **Consent to Establish/Consent to Operate** of the Committee on maintaining properly reinforced cement-concrete septic-tanks or soak-pits in efficient manner, with proper installation of **Oil and Grease traps** in efficient manner at all times, before discharging effluent arising from its kitchen/laundry into the Municipal sewer or drains, satisfying the below prescribed parameters: -

Parameter	Effluents standards for all mode of disposal
pH	5.5-9.0
BOD _{5 days 27 °C}	100 mg/l
COD	100 mg/l
Total Suspended Solids	100 mg/l
Oil and Grease	10 mg/l

(iii) Hotels with 10 or more rooms shall obtain Consent to Establish/Consent to Operate of the Committee on maintaining a Sewage Treatment Plant (STP) in good and efficient manner at all times, criteria for effluents standards for which is prescribed below:

Parameter	Effluents standards for all mode of disposal
pH	5.5-9.0
BOD _{5 days 27 °C}	10 mg/l
Total Suspended Solids	20 mg/l
COD	50 mg/l
Oil and Grease	10 mg/l
Phosphates as P	1.0 mg/l

(iv) Mandatorily, the treated sewage shall be used for the toilet flushing with dual-plumbing system.

(v) The kitchen of the Hotels shall be equipped with Air Pollution Control Devices, i.e., hoods, ducting, chimney, exhaust fan etc and emissions shall be discharged into the atmosphere through stack height of at least 2 meter above the building height.

(vi) Hotels who have installed Boilers running on Diesel or Coal or kerosene shall follow the parameters/standards as prescribed by the CPCB.

(vii) The segregated food waste (wet waste) from the dry waste generated in the Units shall be treated in Organic Waste Converter (Composting Machine) and the treated compost shall be used as manure.

(viii) Extraction of Ground Water Conditions:

- a. In pursuance to the revised order passed in O.A. No. 438 of 2018, Dated: 24/04/2023, The Hotels/Guest Houses/Restaurants owner shall be required to furnish an 'Appraisal report' with regard to the quantity of ground water available for extraction in the area and replenishment measures proposed by the concerned establishment such as rain water harvesting, Sewage Treatment, use of Treated Sewage. Such Appraisal report shall be duly verified by the Ladakh Pollution Control Committee.
- b. Further, in respect of establishments having water supply from the Local Bodies/PHE Department and also extracting ground water, there should be separate digital metres in respect of both sources along with NOC for extraction of Ground Water from the concerned Water Regulatory Authority.

(ix) The Units shall ensure that the Hazardous Waste (used oil, used batteries) generated by the Units shall be collected properly and disposed off only to the authorised recyclers registered with MoEF&CC/CPCB/LPCC having valid operating Consent. Further, the Units shall maintain **records/inventory** of such waste in **Form 3** as per the Rule 20 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

(x) The Units shall not use the banned disposable-plastics under any circumstances.

4. The Consent to Establish/Consent to Operate shall be granted to Restaurants/Marriage Hall/Banquet Hall on fulfilment of required conditions as given under:

(i) **Restaurants** with up to **25-seating capacity** and **Marriage Hall/Banquet Hall** with minimum **floor area of 100 sq m**, shall obtain **Consent to Establish/Consent to Operate** of the Committee on maintaining properly reinforced cement concrete septic tanks and proper installation of **Oil and Grease traps** in efficient manner at all times, before discharging effluent arising from its kitchen/laundry into the Municipal sewer or drains, satisfying the below prescribed parameters: -

Parameter	Effluents standards for all mode of disposal
pH	5.5-9.0
COD	100 mg/l
Total Suspended Solids	100 mg/l
Oil and Grease	10 g/l

(ii) **Restaurants** with **seating capacity of 26 or more** and **Marriage Hall/Banquet Hall** with **floor area more than 100 sq m**, shall obtain **Consent to Establish/Consent to Operate** of the Committee on maintaining a Sewage Treatment Plant (STP) in good and efficient manner at all times, criteria for effluents standards for which is prescribed below:

Parameter	Effluents standards for all mode of disposal
pH	5.5-9.0
BOD _{5 days 27 °C}	10 mg/l
Total Suspended Solids	20 mg/l
COD	50 mg/l
Oil and Grease	10 mg/l
Phosphates as P	1.0 mg/l

(iii) The kitchen of the **Restaurants/Marriage Hall/Banquet Hall** shall be equipped with Air Pollution Control Devices, i.e., hoods, ducting, chimney, exhaust fan etc and emissions shall be discharged into the atmosphere through stack height of 2 meter above the building height.

- (iv) **Restaurants/Marriage Hall/Banquet Hall** who have installed Boilers running on Diesel or Coal or kerosene shall follow the **Parameters/Standards** as prescribed by CPCB.
- (v) The segregated food waste (wet waste) from the dry waste generated in the Units shall be treated in Organic Waste Converter (Composting Machine) and the treated compost shall be used as manure.

(vi) Extraction of Ground Water Conditions:

- a. In pursuance to the revised order passed in O.A. No. 438 of 2018, Dated: 24/04/2023, The Hotels/Guest Houses/Restaurants owner shall be required to furnish an 'Appraisal report' with regard to the quantity of ground water available for extraction in the area and replenishment measures proposed by the concerned establishment such as rain water harvesting, Sewage Treatment, use of Treated Sewage. Such Appraisal report shall be duly verified by the Ladakh Pollution Control Committee.
- b. Further, in respect of establishments having water supply from the Local Bodies/PHE Department and also extracting ground water, there should be separate digital metres in respect of both sources along with NOC for extraction of Ground Water from the concerned Water Regulatory Authority.
- c. The Units shall ensure that the Hazardous Waste (used oil, used batteries) generated by the Units shall be collected properly and disposed off only to the authorised recyclers registered with MoEF&CC/CPCB/LPCC having valid operating Consent. Further, the Units shall maintain **records/inventory** of such waste in **Form 3** as per the Rule 20 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- d. The Units shall not use the banned disposable-plastics under any circumstances.

A. In case of Consent to Establish, the applicant shall apply on Schedule-I with requisite Consent Fee along with the following Documents:

- a. Detailed Project Report.
- b. **Building Plan** duly approved by the Competent Authority.
- c. Site Plan attested by the Competent Authority, Public Works Department.
- d. No Objection Certificate (NOC) from the Department of Tourism.
- e. 'Category' Certificate from the Department of Tourism.
- f. No Objection Certificate (NOC) from Department of Fire & Emergency Services.
- g. Land Papers: Shajra/ Khasara.
- h. Rent/Lease Agreement (if rented property).
- i. Certificate for Treatment of liquid Waste, Common Faecal Sludge Treatment Plant.
- j. Land Valuation/ Ownership Certificate.
- k. No Objection Certificate (NOC) from the Power Development Department (PDD)
- l. No Objection Certificate (NOC) from the Public Health Department (PHE).
- m. No Objection Certificate (NOC) from the Neighbour.
- n. Building Permission from Municipal Committee.
- o. No Objection Certificate (NOC) from the Office of the Wildlife Warden.

- p. No Objection Certificate (NOC) from the Office of the Divisional Forest Officer.
- q. No Objection Certificate (NOC) for Noise (in accordance with provisions of the Noise Rules) from DC/CEO, LAHDC.
- r. No Objection Certificate (NOC) from Revenue Department
- s. Permission for Ground Water Extraction/Borewell drilling from concerned Authorities along with the Water Meter.
- t. Sewage Treatment Plant (STP) proforma/Quotation, if required, as per the guideline.
- u. Self-certified Undertaking by the owner of the Unit.

B. In case of **Consent to Operate (Fresh)**, the applicant shall apply on **Schedule-I** with requisite Consent Fee along with following Documents:

- a. Valid **Consent to Establish**.
- b. Self-Monitoring Report/Test Report of the Treated Water, as applicable in terms of this Guideline.

Note: The **Unit Holder** shall have to apply separately for authorization of **DG sets** with all the required Documents/Test Certificate.