

**Effluent Treatment System, Effluent Standards & other requirements for Restaurants, Eating Houses, Sweet Shops, Dhabas and Hotels / Guest Houses [RESHD Sector] & Banquet Halls / Party Lawns etc. decided by DPCC in its 61st Board Meeting on 22.03.2016.**

S. No	Category / Type of Unit	Connected to /Discharging Effluent into Public/Municipal/ DJB Sewer	Having Kitchen and / or Laundry	Effluent Treatment System / Effluent Standards
1.	Hotels (3 Star and above)	Yes	Yes	<p><b>Effluent Treatment Plant(ETP)/Sewage Treatment Plant(STP)</b> including proper Oil and Grease Trap for the effluent arising from kitchen and /or laundry and shall comply with the following Standards :</p> <p>(i) pH -- 5.5 - 9.0 (ii) TSS <math>\leq</math> 50 mg/l (iii) BOD <math>\leq</math> 30 mg/l (iv) O&amp;G <math>\leq</math> 10 mg/l (v) Phosphate as P <math>\leq</math> 1 mg/l</p>
		No	Yes	<p><b>The Five Star Hotels shall comply with the above mentioned standards and shall also</b> (i) Provide <b>Effluent Treatment Plant / Sewage Treatment Plant</b> to treat the entire waste water generated from the hotel using Biological treatment process.(ii)Treat the waste water <b>upto tertiary level for reuse</b> of the treated effluent <b>at least for Cooling Tower / AC Plant and in horticulture</b> and in flushing of Toilets where ever possible/ applicable as prescribed in the Environmental Clearance / Consent Conditions issued earlier. The treated effluent shall be reused upto the maximum extent possible to achieve the objective of zero discharge. The hotels shall submit water mass balance chart regarding consumption of water, waste water generation and use of treated effluent (iii) Provide <b>Rain Water Harvesting System</b> (iv) Install <b>Solar Water Heating System</b> (v) Provide <b>Organic Waste Convertor</b> for composting of organic waste <b>or Waste to Bio –fuel Plant</b> (vi) Convert/Switch over from Oil fired Boiler to Natural Gas based Boiler wherever Gas Supply is available.(vii)Develop Green Belt to create Buffer Zone from main roads.</p> <p>The five star hotels are also <b>advised to take appropriate Environmental friendly measures</b>, Waste reduction measures, Water conservation measures, Energy conservation measures &amp; follow Environmentally responsible purchasing practices as envisaged in the <b>Guidelines for Green Hotels and as decided by DPCC in its Board meeting on 22.12.2010</b>.</p> <p>The hotels which have been given Environmental Clearance shall also comply with the conditions of Environmental Clearance.</p> <p>The unit shall submit Photographs and details (Size / Dimensions &amp; Schematic Diagram) of the ETP/STP and Effluent <b>Analysis Report</b> from any of the Empanelled Laboratories of DPCC.</p>
2.	Hotels / Guest Houses having more than 50 rooms (double bed) or 100 rooms (single bed) (excluding 3 Star and above)	Yes	Yes	<p><b>Effluent Treatment Plant (ETP)</b> including proper Oil and Grease Trap for the effluent arising from kitchen and /or laundry and shall comply with the following General Standards for discharge of effluent into Public Sewers:</p> <p>(i) pH -- 5.5 - 9.0 (ii) TSS <math>\leq</math> 600 mg/l (iii) BOD <math>\leq</math> 350 mg/l (iv) O&amp;G <math>\leq</math> 20 mg/l</p> <p>The unit shall submit Photographs and details (Size / Dimensions &amp; Schematic Diagram) of the ETP and Effluent <b>Analysis Report</b> from any of the Empanelled Laboratories of DPCC.</p>
		Yes	No	<b>Exempted from providing Treatment System for wastewater.</b>
		No	Yes	<p><b>Effluent Treatment Plant(ETP)/Sewage Treatment Plant(STP)</b> including proper Oil and Grease Trap for the effluent arising from kitchen and /or laundry and shall comply with the following Standards :</p> <p>(i) pH -- 5.5 - 9.0 (ii) TSS <math>\leq</math> 50 mg/l (iii) BOD <math>\leq</math> 30 mg/l (iv) O&amp;G <math>\leq</math> 10 mg/l (v) Phosphate as P <math>\leq</math> 1 mg/l</p> <p>The unit shall submit Photographs and details (Size / Dimensions &amp; Schematic Diagram) of the ETP/STP and Effluent <b>Analysis Report</b> from any of the Empanelled Laboratories of DPCC.</p>
		No	No	<p><b>Sewage Treatment Plant (STP)</b> for the effluent generated from toilet, bathrooms etc. and shall comply with the following Standards :</p> <p>(i) pH -- 5.5 - 9.0 (ii) TSS <math>\leq</math> 50 mg/l (iii) BOD <math>\leq</math> 30 mg/l (iv) O&amp;G <math>\leq</math> 10 mg/l (v) Phosphate as P <math>\leq</math> 1 mg/l</p> <p>The unit shall submit Photographs and details (Size / Dimensions &amp; Schematic Diagram) of the STP and <b>Effluent Analysis Report</b> from any of the Empanelled Laboratories of DPCC.</p>

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3.	Hotels / Guest Houses having upto 50 rooms (double bed) or 100 rooms (Single bed) (excluding 3 Star and above)	Yes	Yes	<p>Proper <b>Oil and Grease Trap cum Settling Tank</b> for holding the effluent arising from kitchen and / or laundry for at least 4 hours duration and shall comply with the following General Standards for discharge of effluent into Public Sewers:</p> <p>(i) pH -- 5.5 - 9.0 (ii) TSS ≤ 600 mg/l (iii) BOD ≤ 350 mg/l (iv) O&amp;G ≤ 20 mg/l</p> <p>The unit shall submit Photographs and details (Size / Dimensions &amp; Schematic Diagram) of the Oil and Grease Trap cum Settling Tank and <b>Effluent Analysis Report</b> from any of the Empanelled Laboratories of DPCC.</p> <p>If required, to meet the above mentioned prescribed standards, the unit shall also install <b>Effluent Treatment Plant (ETP)</b> and submit Photographs and details (Size / Dimensions &amp; Schematic Diagram) of the of the ETP and <b>Effluent Analysis Report</b> from any of the Empanelled Laboratories of DPCC.</p>
4.	Hotels / Guest Houses having 20 to 50 rooms (double bed) or 40 to 100 rooms (Single bed) (excluding 3 Star and above)	No	Yes	<p><b>Effluent Treatment Plant(ETP) / Sewage Treatment Plant (STP)</b> for the waste water generated from Toilets/ Bathrooms etc. including proper Oil and Grease Trap for the effluent arising from kitchen and shall comply with following <b>standards</b> for combined effluent, as prescribed by MOEF vide Notification Dated <b>04.11.2009</b>:</p> <p>(i) pH -- 5.5 - 9.0 (ii) TSS ≤ 50 mg/l (iii) BOD ≤ 30 mg/l (iv) O&amp;G ≤ 10 mg/l (v) Phosphate as P ≤ 1mg/l</p> <p>The unit shall submit Photographs and details (Size / Dimensions &amp; Schematic Diagram)of the ETP/STP and <b>Effluent Analysis Report</b> from any of the Empanelled Laboratories of DPCC.</p>
		No	No	<p><b>Sewage Treatment Plant</b> and shall comply with following <b>standards</b> for discharge of effluent, as prescribed by MOEF vide Notification Dated <b>04.11.2009</b> :</p> <p>(i) pH -- 5.5 - 9.0 (ii) TSS ≤ 50 mg/l (iii) BOD ≤ 30 mg/l (iv) O&amp;G ≤ 10 mg/l (v) Phosphate as P ≤ 1mg/l</p> <p>The unit shall submit Photographs and details (Size / Dimensions &amp; Schematic Diagram) of the STP and <b>Effluent Analysis Report</b> from any of the Empanelled Laboratories of DPCC.</p>
		Yes	No	<b>Exempted from providing Treatment System for wastewater.</b>
5.	Hotels / Guest Houses having less than 20 rooms (double bed) or 40 rooms (Single bed) (excluding 3 Star and above)	No	Yes	<p><b>Effluent Treatment Plant(ETP) / Sewage Treatment Plant (STP)</b> for the waste water generated from Toilets/ Bathrooms etc. including proper Oil and Grease Trap for the effluent arising from kitchen and shall comply with following <b>standards</b> for combined effluent, as prescribed by MOEF vide Notification Dated <b>04.11.2009</b>:</p> <p>(i) pH -- 5.5 - 9.0 (ii) TSS ≤ 100 mg/l (iii) BOD ≤ 100 mg/l (iv) O&amp;G ≤ 10 mg/l</p> <p>The unit shall submit Photographs and details (Size / Dimensions &amp; Schematic Diagram)of the ETP/STP and <b>Effluent Analysis Report</b> from any of the Empanelled Laboratories of DPCC.</p>
		No	No	<p><b>Sewage Treatment Plant (STP)</b> for the waste water generated from Toilets / Bathrooms etc. and shall comply with following <b>standards</b> for discharge of effluent, as prescribed by MOEF vide Notification Dated <b>04.11.2009</b> :</p> <p>(i) pH -- 5.5 - 9.0 (ii) TSS ≤ 100 mg/l (iii) BOD ≤ 100 mg/l (iv) O&amp;G ≤ 10 mg/l</p> <p>The unit shall submit Photographs and details (Size / Dimensions &amp; Schematic Diagram)of the ETP/STP and <b>Effluent Analysis Report</b> from any of the Empanelled Laboratories of DPCC.</p>
6.	Restaurants/ Eating Houses/ Dhabas and other such establishments (Having Seating Capacity less than 36) / Banquet Halls/ Party Lawns (with Floor Area less than 100 m <sup>2</sup> ) and Sweet Shops / Halwais and Other such Establishments (with Annual Average Production of less than One Tonne / Day)	Yes	Yes	<p>Proper <b>Oil and Grease Trap cum Settling Tank</b> for holding the effluent arising from kitchen and washing activities for at least 4 hours duration.</p> <p>The unit shall submit Photographs and details (Size / Dimensions &amp; Schematic Diagram) of the Oil and Grease Trap cum Settling Tank.</p>
		No	Yes	<p><b>Effluent Treatment Plant(ETP) / Sewage Treatment Plant (STP)</b>(for the waste water generated from Toilets/ Bathrooms etc.) including proper Oil and Grease Trap for the effluent arising from kitchen and washing activities and shall comply with following Standards for discharge of effluent:</p> <p>(i) pH -- 5.5 - 9.0 (ii) TSS ≤ 100 mg/l (iii) BOD ≤ 100 mg/l (iv) O&amp;G ≤ 10 mg/l</p> <p>The unit shall submit Photographs and details (Size / Dimensions &amp; Schematic Diagram) of the ETP/STP and <b>Effluent Analysis Report</b> from any of the Empanelled Laboratories of DPCC.</p>

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7.	Restaurants/ Eating Houses/ Dhabas and other such establishments( Having Seating Capacity from 36 to 100 Seats)	Yes	Yes	<p>Proper <b>Oil and Grease Trap cum Settling Tank</b> for holding the effluent arising from kitchen and washing activities for at least 4 hours duration and shall comply with the following General Standards for discharge of effluent into Public Sewers:</p> <p>(i) pH -- 5.5 - 9.0 (ii) TSS <math>\leq</math> 600 mg/l (iii) BOD <math>\leq</math> 350 mg/l (iv) O&amp;G <math>\leq</math> 20 mg/l</p> <p>The unit shall submit Photographs and details (Size / Dimensions &amp; Schematic Diagram) of the Oil and Grease Trap cum Settling Tank and <b>Effluent Analysis Report</b> from any of the Empanelled Laboratories of DPCC.</p> <p>If required, to meet the above mentioned prescribed standards, the unit shall also install <b>Effluent Treatment Plant (ETP)</b> and submit Photographs and details (Size / Dimensions &amp; Schematic Diagram) of the ETP and <b>Effluent Analysis Report</b> from any of the Empanelled Laboratories of DPCC.</p>
		No	Yes	<p><b>Effluent Treatment Plant(ETP) / Sewage Treatment Plant (STP)</b>(for the waste water generated from Toilets/ Bathrooms etc.) including proper Oil and Grease Trap for the effluent arising from kitchen and washing activities and shall comply with following <b>standards</b> for discharge of combined effluent , as prescribed by MOEF vide Notification Dated <b>04.11.2009</b> :</p> <p>(i) pH -- 5.5 - 9.0 (ii) TSS <math>\leq</math> 100 mg/l (iii) BOD <math>\leq</math> 100 mg/l (iv) O&amp;G <math>\leq</math> 10 mg/l</p> <p>The unit shall submit Photographs and details (Size / Dimensions &amp; Schematic Diagram) of the ETP/STP and <b>Effluent Analysis Report</b> from any of the Empanelled Laboratories of DPCC.</p>
8.	Restaurants/ Eating Houses/ Dhabas and other such establishments (with minimum Seating Capacity of 101)/Banquet Halls/PartyLawns(with minimum Floor Area of 100 m <sup>2</sup> )Sweet Shops/ Halwais and Other such Establishments(with Annual Average Production of One Tonne /Day or more)	Yes	Yes	<p><b>Effluent Treatment Plant (ETP)</b> including proper Oil and Grease Trap for the effluent arising from kitchen and washing activities and shall comply with the following General Standards for discharge of effluent into Public Sewers:</p> <p>(i) pH -- 5.5 - 9.0 (ii) TSS <math>\leq</math> 600 mg/l (iii) BOD <math>\leq</math> 350 mg/l (iv) O&amp;G <math>\leq</math> 20 mg/l</p> <p>The unit shall submit Photographs and details (Size / Dimensions &amp; Schematic Diagram) of the ETP and <b>Effluent Analysis Report</b> from any of the Empanelled Laboratories of DPCC.</p>
		No	Yes	<p><b>Effluent Treatment Plant(ETP) / Sewage Treatment Plant (STP)</b> (for the waste water generated from Toilets/ Batrooms etc.) including proper Oil and Grease Trap for the effluent arising from kitchen and washing activities and shall comply with following <b>standards</b> for discharge of combined effluent, as prescribed by MOEF vide Notification Dated <b>04.11.2009</b> :</p> <p>(i) pH -- 5.5 - 9.0 (ii) TSS <math>\leq</math> 100 mg/l (iii) BOD <math>\leq</math> 100 mg/l (iv) O&amp;G <math>\leq</math> 10 mg/l</p> <p>The unit shall submit Photographs and details (Size / Dimensions &amp; Schematic Diagram) of the ETP/STP and <b>Effluent Analysis Report</b> from any of the Empanelled Laboratories of DPCC.</p>

**Note : Following General Requirements are to be followed by all the above mentioned units as applicable :**

- The aforementioned establishments mentioned in the table shall comply with the prescribed standards and in case of Oil & Grease Trap cum Settling Tank if the unit fails to meet the prescribed standards then it shall install ETP / STP as applicable.
- The units located in the sewered areas shall ensure that effluent is discharged into the Public / Municipal / DJB Sewer and shall also submit the proof regarding connection of their drainage system to the Public/ Municipal / Delhi Jal Board Sewer from the concerned Authority(DJB/ MCD/ NDMC/DCB) OR shall submit an undertaking that the unit is having proper connection of their drainage system to the Public /Municipal / Delhi Jal Board Sewer.
- The units shall not be required to submit License from Municipal Authority or Delhi Police however if there is any doubt regarding conformity of the unit w.r.t. Master Plan of Delhi the same shall be checked from the Master Plan or from the concerned authorities or the unit may be asked to submit supporting documents regarding its proof of conformity w.r.t. Master Plan of Delhi.
- The units shall adopt Good House Keeping practices, shall properly channelize the fugitive emissions including emissions from cooking & kitchen operations by providing proper ducting / hood arrangement and proper exhaust system and emissions shall be discharged at least 2 meter above the roof of the building, properly handle , manage and dispose the solid waste generated and comply with the provisions of the Water (Prevention and Control of Pollution) Act,1974, as amended to date, the Air (Prevention and Control of Pollution ) Act,1981, as amended to date and the Environment (Protection) Act, 1986, as amended to date and Rules made there under.