How should Restaurants Handle Greasy Waste?

1. Greasy waste poured into the sink and down the pipe

2. Inadequate grease trap capacity leads to insufficient retention time

3. Causing overflow and blockage, exceedance of discharge limit and pollution

Common Problems in Restaurants

Water Pollution Control Ordinance (Cap. 358)
Any person discharging greasy waste or wastewater not properly treated commits an offence
Accumulation of greasy waste due to inadequate length of the inlet pipe affects the separation efficiency.

Top greasy waste layer being discharged via the improperly configured outlet.

Inadequate chamber space causes overflow of wastewater.

Submerged pipes and devices make checking and maintenance difficult.

Common Problems with Grease Traps

Reduce the Loading of Grease Traps

Grease Traps should be of Adequate Capacity and Properly Configured

Grease Trap Capacity Requirements

<table>
<thead>
<tr>
<th>Average Hourly Water Use (litre)</th>
<th>Kitchen Floor Area (square metres)</th>
<th>Minimum Grease Trap Capacity (cubic metres)</th>
<th>Example of Internal Dimensions (metres)</th>
</tr>
</thead>
<tbody>
<tr>
<td>250</td>
<td>8</td>
<td>0.49</td>
<td>Length 1.45  Width 0.70  Depth 0.73</td>
</tr>
<tr>
<td>500</td>
<td>16</td>
<td>0.79</td>
<td>Length 1.70  Width 0.83  Depth 0.73</td>
</tr>
<tr>
<td>750</td>
<td>24</td>
<td>1.05</td>
<td>Length 1.80  Width 0.88  Depth 0.85</td>
</tr>
<tr>
<td>1,000</td>
<td>32</td>
<td>1.22</td>
<td>Length 1.95  Width 0.95  Depth 1.00</td>
</tr>
</tbody>
</table>

To save water, install a flow controller and do not leave the tap running.

Install a basket strainer in the sink.

Scrape dirty dishes before washing and avoid pouring remaining greasy waste into the sink.

The length of the grease trap should be equal to 1.3 to 2.0 times of its depth.

The liquid depth should be no greater than 1.2m and the total depth should be no greater than 1.8m.

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Example of Internal Dimensions (metres):

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Scoop the top layer of greasy waste into a watertight bag on a daily basis for proper disposal.

Maintain records of grease trap cleansing.

Record of grease trap cleansing

Please visit our website for the list of collectors which will be updated from time to time.


Enquiry hotline: 2838 3111
E-mail: enquiry@epd.gov.hk