



# Odour Abatement Device

## Submission and installation procedure for a Mill-Pro Polyethylene P-Trap

Mill-Pro Supplies the MOE Odour abatement device exclusively in Hong Kong. These are fitted in standard DSD DS 1077 A Manholes for Odour Management in either: Gravity sewers or Air Valve manhole Chambers on pressure sewer rising mains.

### Summary

OAD (Odour Abatement Devices), also know as Odour Control Device or Odour Management Device. These are Polyethylene insert housings with an Activated Charcoal filter cartridge. They drop inside standard Hong Kong 600mm Square or split manhole frame to absorb foul gas (H<sub>2</sub>S) that is released from Air valves and gravity manholes, during the operation of sewerage gravity and rising mains.

The principal is a replaceable cartridge that is filled with a special activated carbon to absorb the smells specific to H<sub>2</sub>S gas from venting to atmosphere. Typical Cartridge replacement is on a 12 month cycle, however actually replacement varies depends on the sewer system activity, sewer gas concentration and ambient conditions.

### New Installation Procedure

1. Always follow appropriate safety precautions when servicing sewer manholes. This includes personnel protection, traffic, and ventilation. Sewer gases are dangerous and contain hazardous, poisonous, flammable and explosive gases. Only experienced trained workers following OSH safety requirements should work around sewer manholes.
2. Place barrier cones around the service area. Never leave an open manhole uncovered or unsupervised
3. Drop the PE housing into a standard DSD 600mm manhole frame and check to insure a tight fit, replace cover
4. When multiple MOE units are used at one site it is suggested that spare cartridges be available for problem areas. Contact Mill-Pro Hong Kong Limited [info@millpro.com.hk](mailto:info@millpro.com.hk) of Ph 2543 6200 for replacement Cartridges.

### Cartridge Replacement Procedure

1. Perform necessary safety precautions in 1. Above, Remove manhole cover, lift out the cartridge, clear debris and foreign matter from housing, place new cartridge in the housing and replace manhole cover.

