

Venting of Sealed Arresters

Trade Waste Guideline No. 13

INTRODUCTION

Vents are installed in an arrester to:

- remove the gas from within the arrester
- create air movement between the induct vent and the upstream vent
- reduce condensation within the arrester
- assist in the maintenance of water seals in traps.
- reduce odours within the arrester.

DEFINITIONS

For the purpose of this Guideline 'venting' means the induct vent connected to the outlet chamber of sealed arresters.

DESIGN / INSTALLATION

1. An induct vent of not less than DN80 is connected to the outlet chamber of the arrester. A DN80 or larger high level upstream vent is connected to the uppermost end of the drainage system gravitating to the arrester.
2. Where the internal baffles seal the chambers within the arrester, ventilation holes are provided at the top of the baffles.
3. Induct and upstream vents cannot be interconnected.
4. The sealed gully breather vent may be interconnected with the induct vent 150mm above the lowest fixture connected to the arrester.
5. All vents from arresters and trade waste drains are to be extended to above roof level.
6. The overt of the vent pipe is to be installed as high as possible in the wall of the outlet end of the sealed arrester (see figure 1A). Alternatively the vent can be installed on either side wall of the sealed arrester but must be against the outlet end wall of the arrester.
7. Variations to the above requirements (including installations where increments are to be fitted between the arrester and ground level) are subject to authorisation by SA Water.
8. Induct venting is not required on trade waste arresters that have loose checker plate covers with holes.

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ADDITIONAL INFORMATION

[Trade Waste Grease Arrester Guideline No.12](#)

South Australian Variations and/or Additional Provisions to the National Plumbing and Drainage Code AS/NZS 3500-1990/98 Item 11-26-5.

Figure 1A

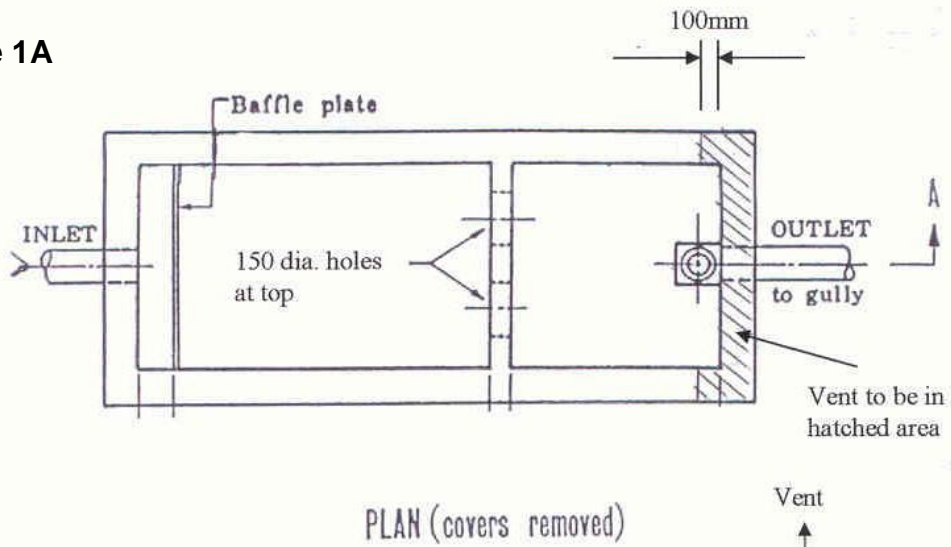
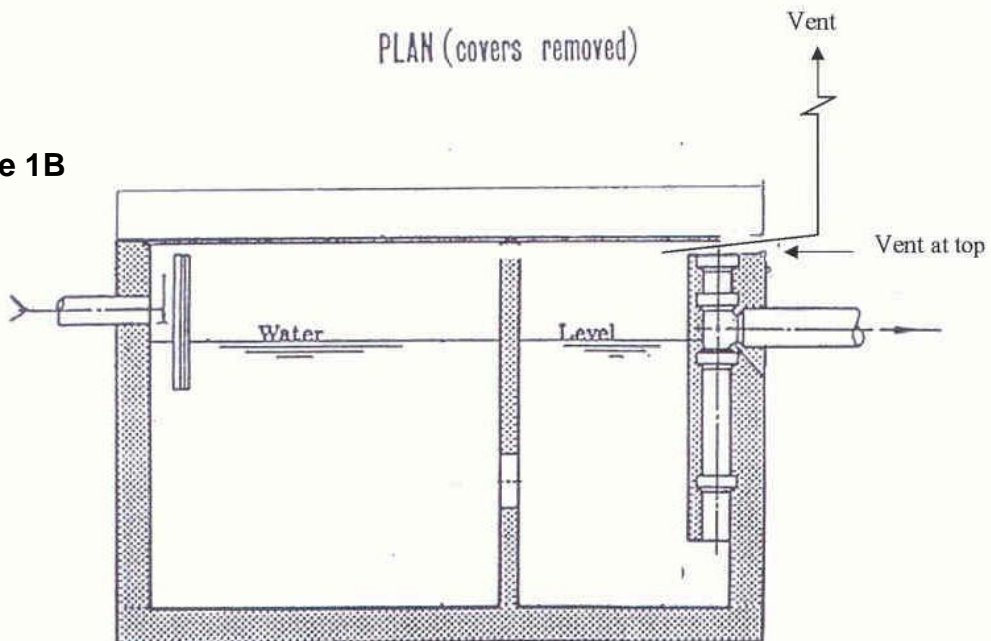


Figure 1B



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