

Cherne Smoke Testing Equipment

Technical Guide D10.8

A motor driven, fan assisted machine ideal for testing pipelines for inflow, cracks, illegal connections and line identification



Applications

Testing pipelines for imperfections.

Product Attributes

42kg total weight - easily handled by two people.

Leak free seal and minimal vibration.

Regulated fluid and smoke levels.

High smoke output - up to 106 cubic meters per minute.

Inert friendly smoke fluid will not harm pipelines, gaskets or the environment.

Approvals/Standards

Cherne Industries is an ISO9001 registered company and one of America's leading developers and manufacturers of pipeline maintenance and testing equipment.

Quality

ISO 9001:2015 Quality Management Standard.

We are the supply partner of choice for New Zealand's civil construction industry, specialising in water and infrastructure based solutions.

HYNDS
PIPE SYSTEMS

A motor driven, fan assisted machine ideal for testing pipelines for inflow, cracks, illegal connections and line identification.

Design Specifications

- 4 HP Briggs & Stratton Engine.
- Lightweight aluminum body.
- Foam cell sealing gasket.
- Fit openings from 475-775 mm.

Accessories

- Cherne Industries also produce a complete range of pneumatic pipe plugs from 50 up to 2400mm. Pneumatic plugs enable the blocking of the line to be carried out safely and with ease.
- Contact Hynds for assistance with pneumatic plugs to best suit your requirements.

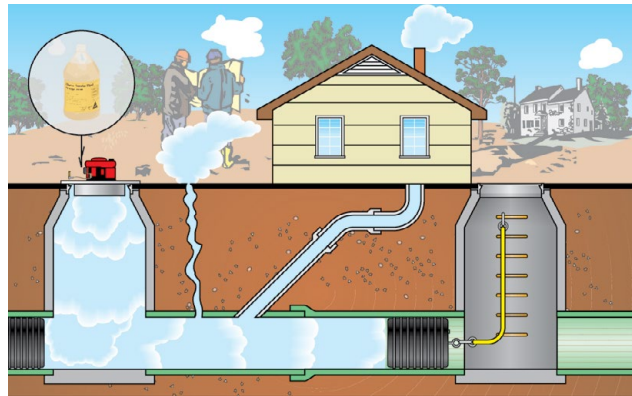
Application

- Isolate the line to be tested by blocking above the first manhole and before the next manhole.
- Place the smoke machine over the first manhole.
- Pressurise the smoke liquid tank, start the unit (simple pull cord) and activate the blower unit.
- With the unit being sealed on the manhole lip, the line will fill with smoke very quickly.
- Fractures, leaks and lateral connections will be promptly detected by any escaping smoke.
- Once testing is complete, simply take the unit off the manhole, unblock the line and any surplus smoke will quickly dissipate without any harmful effects.

Health & Safety

- **Hazardous Substance** – This fluid is restricted to workplace use only.
- **Dangerous Goods** – Classified as a dangerous good for transport.
- **Safe Handling** – Anyone intending to use this fluid must read the Safety Data Sheet (SDS) to ensure proper handling and necessary safety precautions.
- **Ingestion** – If swallowed, seek immediate medical advice by calling a Poison Centre or doctor.

- **Inhalation** – If inhaled, move the person to fresh air and keep them comfortable for breathing.
- **Further Information** – Full safety guidelines, including required PPE, are available in the SDS and on the container label.



Branches Nationwide Support Office & Technical Services 0800 93 7473

Disclaimer: While every effort has been made to ensure that the information in this document is correct and accurate, users of Hynds product or information within this document must make their own assessment of suitability for their particular application. Product dimensions are nominal only, and should be verified if critical to a particular installation. No warranty is either expressed, implied, or statutory made by Hynds unless expressly stated in any sale and purchase agreement entered into between Hynds and the user.