



incos

ENGINEERING

the experts for your integrated fire protection equipment

About Incos Engineering Pty Ltd

OEM Representation

Incos Engineering is a fully locally owned and operating company in Western Australia. With staff holding individually more than 30+ years of knowledge and experience in the field, we offer a unique value add to clients and business partners.

Incos Engineering focusses on smart safety solutions for integrated firefighting systems for offshore brownfield and greenfield platforms, onshore petrochemical as well as specialised marine.

Fire Protection Expertise:

- Deluge control valves, Deluge nozzles and Sprinkler equipment
- Hydrant valves, Layflat hoses, Hosereels and Handheld nozzles
- Firewater Monitors and Monitor spares
- Firefighting Foam and Foam generating equipment
- Advanced Fire doors
- Ultrasonic measurement and NDT equipment
- Custom designed and fabricated strainers
- INERGEN / NOVEC 1230 / Argonite
- High to Low pressure Water mist / Fog equipment
- DIFFS- Deck Integrated Fire Fighting Systems for Helidecks
- Dry chemical powder and N2 Snuffing
- Dry deluge testing (extending wet test intervals)

Local support for high quality international products that are already in service at sites around Australia. Incos Engineering have agreements with original equipment manufacturers of world leading products and technology. We have training and expertise to support the products and services they offer.

All new equipment, spare parts, consumables and equipment servicing is authorised by each of the OEM's listed. Site support for installation, commissioning and service is also available to give you the assurances you require.



Fire Eater's environmentally friendly fire extinguishing solutions are based upon INERGEN®. Harmless to humans, machines and equipment INERGEN® can be used in many different environments and indeed is so, around the world. INERGEN is a composition of naturally occurring inert gases. Nitrogen, Argon and small amounts of CO2.



Since 1971 Inbal Valves has been developing, designing, manufacturing and providing advanced automatic control valves and systems for a wide range of industries around the world. Leading players in the offshore, oil refining, oil gas and chemical storage, petrochemical, marine, aircraft hangars, and power generation markets count on Mil for a comprehensive array of automatic control valves, engineered for specific fire protection applications.



FireProducts is a Norwegian manufacturer and supplier of OEM high quality firefighting equipment to the offshore and onshore markets. FireProducts range includes: Hydrants, colour coded Deluge Nozzles, Hoses & Hosereels, Handheld Nozzles, Pressure Control Valves and Valve Actuators.



Bomek Group is a global leader in the design, development and manufacturing of advanced door, window and wall safety solutions for energy, civil and defence markets worldwide. They offer a complete range of doors that are tried and tested to withstand the toughest environments and are resistant to fire, blast, gas, water, intrusion, ballistics and noise, as well as the harshest of climates.



Our patented Dry Deluge Testing technology is unique and field proven globally. We test fire protection systems utilizing vapour instead of water. SIRON Dry Deluge Testing is the only method of detecting blockages and partial blockages to pipe work and nozzles and also identifying damaged nozzles without testing systems with water.



Since 1984, Oil Technics Ltd has been providing customers worldwide with innovative specialist cleaning, spill control and fire protection products. Oil Technics Fire Fighting Products also provides foam testing and analysis services worldwide from its modern purpose-built foam laboratory in Scotland.



Our products protect you against fire and water ingress. Worlds best ultrasonic scanners and flow meters. Product range includes:
Portalevel Max – ultrasonic liquid level indicator (intrinsically safe).
Portasteele Calculator – This is a cylinder agent weight converter that works in conjunction with the Portalevel.
Portasonic Flowmeter - handheld, clamp-on calibrated ultrasonic transit time flow meter.
Portascanner - ultrasonic room integrity tester.

Foam Testing

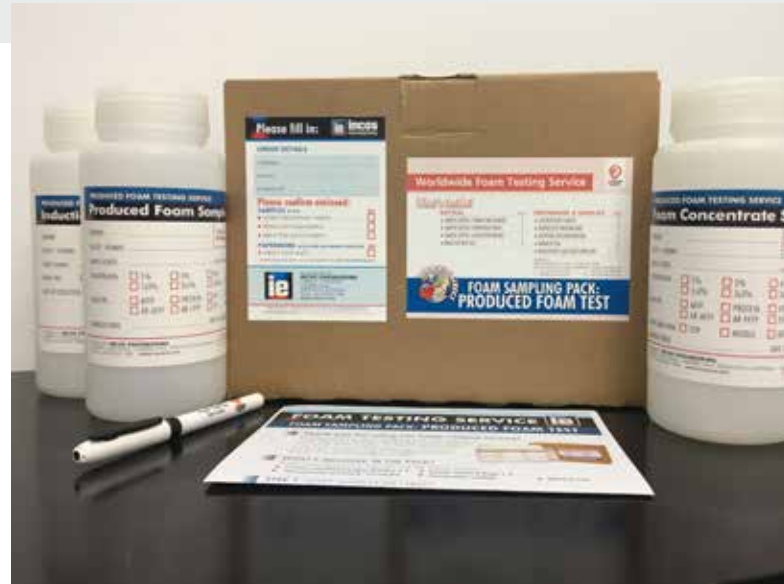
Foam testing is not expensive and provides critical information enabling you to be confident your system will perform as expected in an emergency (fire).

We can also obtain data to support longer term decision making in relation to environmental concerns about PFAS, PFOS etc. and options for new products.

Important Tips:

- Use clean plastic bottles that seal, avoiding anything that may have previously held detergent, oil, milk, juice etc.
- Test at least annually
- Clearly label any samples
- For concentrates in a tank take a sample from top and bottom of the tank if you have any concerns about quality
- For a produced foam sample remember to include a sample of induction water
- When taking a produced foam sample activate the system long enough to remove any standing water
- Remember to follow guidelines about spillage and clean up of produced foam, even from sample testing given the concerns about persistent organic pollutants.

Foam concentrate quality can be tested under laboratory conditions and compared to manufacturers specifications however for produced foam a facility benefits most from testing expansion and drainage on site using the foam generating equipment at operating conditions. This is particularly important for fluoroprotein and fluorine free foam. Field test kits are available for produced and concentrate testing and include items such as refractometer, scales, stopwatch, hydrometers, thermometer, manuals etc. but not to be confused with a “sample test kit” as per image. Sample test kits like those in the image are generally available for free issue but the follow up laboratory testing is a fee for service.



Contact us for your free Foam Testing Kit



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Offshore Oil & Gas, Onshore Petrochemical Industries and Marine Support

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