



ASGARD INDUSTRIAL SYSTEMS LTD.

PROTECTOSEAL®

For over 85 years Protectoseal has been an industry pioneer and leading manufacturer of quality products that conserve and control volatile emissions and protect low pressure storage tanks, vessels and processes from fire and explosion.

Our integrated line of pressure and vacuum relief vents, flame/detonation arresters and related vapour control devices are used primarily in process industries.



PRESSURE AND VACUUM RELIEF VENTS

Vents that are specifically designed to prevent storage tank damage by relieving internal pressure and vacuum accumulations that occur as a result of day-to-day operations (filling, emptying and atmospheric temperature changes). These products also minimize product evaporation losses.

EMERGENCY PRESSURE RELIEF VENTS

Emergency Vents are designed to prevent the catastrophic rupture of a storage tank by relieving the internal pressure accumulation caused by external fire involvement of the tank.

500 PPM PRESSURE RELIEF VENTS

PIN-TECH® Pressure Vents are designed and tested to address concerns about the leakage of fugitive emissions prior to set point.

FLAME AND DETONATION ARRESTERS

Flame and Detonation Arresters provide a positive barrier against the propagation of a flame through a piping system or into a storage tank's vapour space.

CE MARKED FLAME ARRESTERS

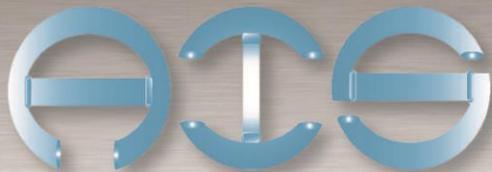
Flame and Detonation Arresters that conform to European Standard EN12874 and ISO16852.

TANK BLANKETING VALVES

Blanketing Valves sense the pressure in a tank's vapour space and regulate a supply of pressurized inert gas into the tank so that a desired pressure range may be consistently maintained.

LIQUID LEVEL INDICATORS

Liquid Level Indicators are used for accurate liquid level gauging of fixed or floating roof storage tanks. Suitable for water, oils, solvents and other products.



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SPECIALTY TANK VENTS & FITTINGS

Miscellaneous equipment required for the safe and efficient operation of storage tanks and related processing facilities. Products include: Air Dryers, Gauge Hatches, Internal Safety Valves, Overflow Valves, Water Drain Valves and more.

FUEL TANK SAFETY CAPS

Combination safety fill cap, flash arrester and pressure / vacuum relief device designed for installation in fuel tank openings of gasoline or diesel-powered equipment.

SAFETY SHUT-OFF VALVES

Heat actuated safety shut-off valve is specifically designed for installation in the withdrawal lines of flammable or combustible liquid storage tanks.

CE Marked Endurance Burn Approved Flame Arrester & Conservation Vent
End of Line Conservation Vents
CE Marked Endurance Burn Flame Arresters
Pipe-Away Conservation Vents
Emergency Vents & Manway Covers
Gauge Hatches
Deflagration & Detonation Arresters
Liquid Level Gauges
Tank Blanketing Valves
Water Drain Valve
Internal Safety Valve

- Total tank package solutions
- PRO-FLOW II sizing & selection software
- CE marked vents & arresters

Approvals
Alex 100a (EN12874) CE Underwriters Laboratories
Alex 137 (EN13463-5) CE Underwriters Laboratories Canada
API 2000 PTB
US Coast Guard Babara
Factory Mutual

Materials of Construction
Ductile Iron Aluminium
Carbon Steel Fibre Reinforced Plastic
Stainless Steel P.V.C.
Exotic Alloys Polypropylene

Key Features
Vents leakage tested to 38 l/hr @ 90% set point
All weight packages identified by service & serial number
Swing bolts facilitate inspection without tools
O ring joints on arrester
Steam jacket options available
Full certification to EN10204

SAFETY WITHOUT COMPROMISE