



HALE HAMILTON®
Excellence in Pressure & Flow Control

Valves, Manifolds & Packaged Systems for the Power Industry



www.halehamilton.com

Welcome to Hale Hamilton

Welcome

Hale Hamilton is a world leader in the design, manufacture and supply of valves, manifolds and packaged systems for the Power Industry. With products ranging from standard catalogue valves through application specific designs, Hale Hamilton is the ideal partner to satisfy the demanding requirements of our customers.

Core customers:

- Siemens • GE
- Nuovo Pignone
- Turbomach

Typical products & applications

FALSE START DRAIN VALVE – SERIES DV4

- Used typically on dual fuel turbines, the valve drains the unburned fuel from the combustion chambers in the event of a fault trip during start up
- Position indication is available via limit switch or a visual indicator
- The valve is available with soft and hard seats (depending on the exit gas temperature of the turbine)



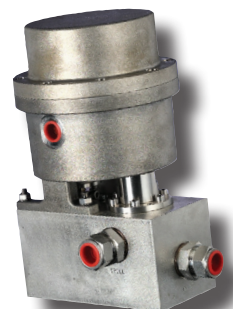
FUEL NOZZLE PURGE VALVE – SERIES ASV134

- Uses atomizing air to purge any fuel oil from the gas nozzles when the turbine is running on gaseous fuel and vents any residual gas from system when turbine switches over to liquid fuel
- Available with position feedback via proximity switches



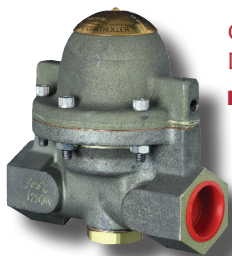
GAS FUEL VALVE – SERIES FV

- Controls the flow of fuel to the engine thus governing the speed of the engine
- ATEX approved electrical actuator
- All stainless construction
- The valve mechanism has a rotary 'wipe clean' action which has proven to be highly reliable
- A range of cartridges are available providing different flow ranges



GAS PRESSURE REDUCTION – SERIES RL – DOME LOADED PRESSURE REGULATORS

- Gas pressure reduction regulator for reducing the inlet pressure to the engine and maintaining a stable and accurate supply pressure



OVER PRESSURE PROTECTION – SERIES RV

- A range of Pressure Relief Valves



IGV ACTUATION - SERIES 28 – SPRING LOADED PRESSURE REGULATORS

- Hydraulic fluid pressure Control



LUBRICATION OIL – SERIES DR – BACK PRESSURE MAINTAINING VALVES

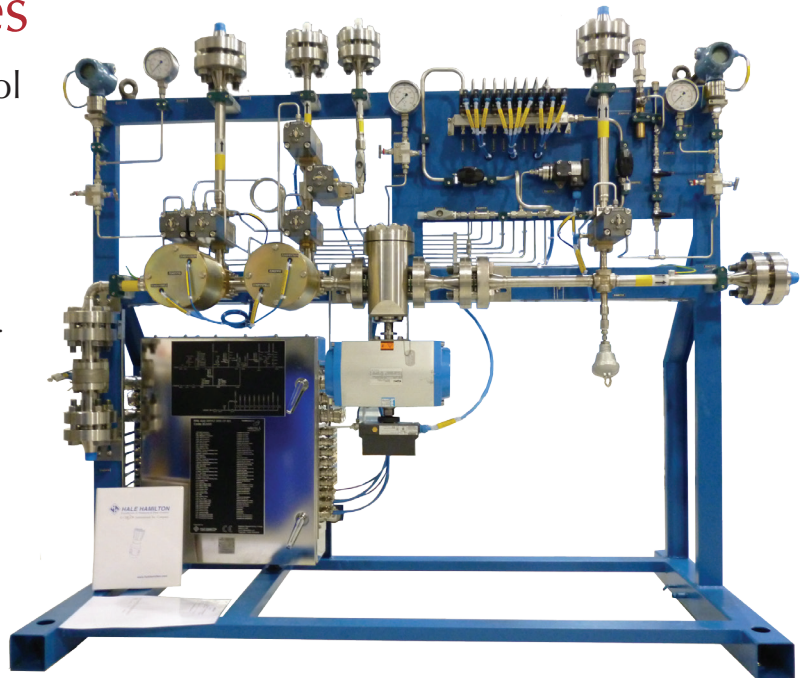
- Pressure control of lubrication oil circuits

Skid Mounted Packages

Design and build of packages to control Pressure, Flow and Temperature

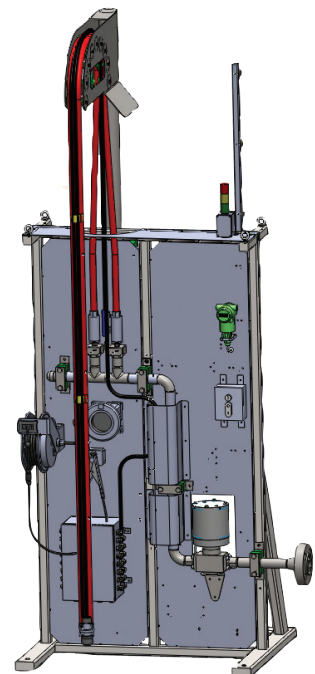
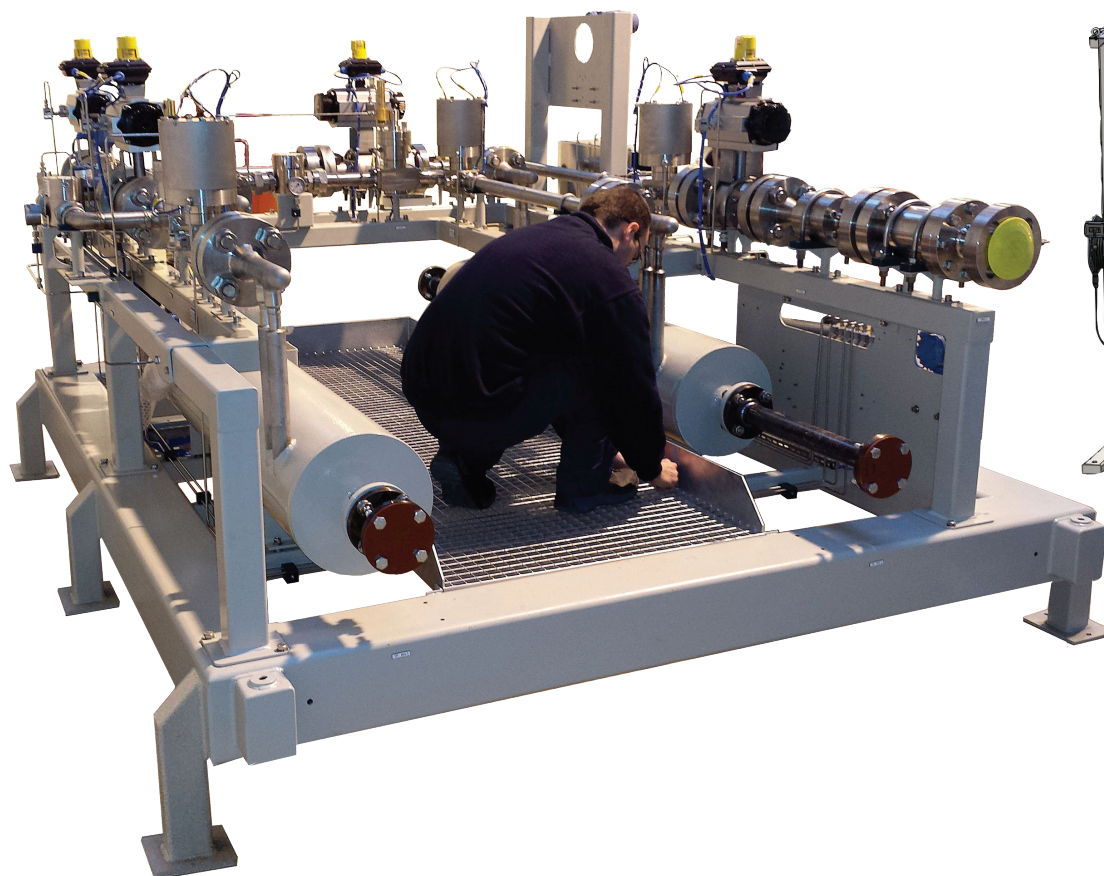
GAS FUEL SUPPLY SKIDS – NATURAL GAS SUPPLY FOR ENGINES

- Accurate control of natural gas supply pressure and flow.
- Features allowing:-
 - Slow initial charge of line to engine
 - Good control during start up
 - Low pressure drop at maximum flow
 - Blowdown facility during planned vent
 - Emergency vent
- Suitable for a Sil2 compliant system
- Designed and built to meet customer specific demand



Bio Gas/CNG Applications

- Bio Methane - Gas to Grid
- Bio Methane - Gas to CHP
(Land based power)
- CNG - Ship dual fuel engines





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