

FACILITY & SITE SERVICES



COMPANY



For over 30 years Paladon Systems has been supplying valve actuators and control systems on a global basis.



Since its inception in 1981, Paladon Systems has continuously developed its design, engineering, organisational, quality and management capabilities. Today Paladon Systems designs and manufactures many valve automation technologies that lead the industry in terms of cost efficiency, operational performance and environmental responsibility.



Paladon Systems' vast experience with supporting the Oil, Gas and Power industries with valve automation solutions for the most critical applications in extreme operating environments has resulted in product designs that offer unsurpassed quality and reliability across all industries and applications.

Holding ISO 9001 certification for over 20 years, today Paladon Systems hold accreditation and approvals from almost all major institutes, engineering companies and end users.

Headquartered in England, Paladon Systems has offices and facilities in Scotland, Italy, Malaysia, the Russian Federation and the United States. With a comprehensive suite of valve automation solutions backed by a dedicated team of field service engineers, Paladon Systems is **Total Valve Control**.



INTRODUCTION

Paladon Systems understand that our responsibility to our customers doesn't simply end with the manufacture and supply of robust valve actuation systems.

As part of Paladon Systems' Total Valve Control philosophy, we believe in supporting our customers in all aspects of valve automation; from manufacture, build and test, through to site installation, commissioning and servicing.

With fully equipped manufacturing and assembly facilities, a dedicated team of onshore and offshore certified site engineers and mobile workshops available 24/7/365, Paladon Systems continues to set the standard in valve automation service.

FACILITY SERVICES & TEST EQUIPMENT

The following equipment is available from our English and Italian manufacturing, assembly and test facilities:

- Environmental chamber with -160°C to +350°C (-256 to +662°F) capability
- Hydraulic cleanliness measuring equipment to NAS 1638 (ISO 4406)
- Actuator torque test equipment up to 600,000 Nm (5,310,447 lb in)
- Electrical, hydraulic and pneumatic test equipment
- DP testing rig up to 6,000 psig (414 Barg)
- Paint thickness measuring equipment
- Hydraulic flushing rigs



SITE SERVICES

- **Installation of electric, pneumatic and hydraulic valve actuators**, and associated control panels including complete onsite tubing installation
- **Calibration and testing** including the setting of pressure relief valves, pressure sensing valves, regulators and cam operated valves
- **Refurbishment and resealing** of valve actuators, solenoid valves, regulators, accumulators and all common pneumatic and hydraulic high and low pressure control components
- **Hydraulic flushing** of valve actuators, accumulators and control components to NAS 1638 (ISO 4406)
- **Commissioning** of valve actuated control installations, as well as water bath heaters, pressure and flow control regulating systems, oxygen and gas odorising equipment
- **Installation of valve interlocks** and manual gearboxes
- **Onsite conversions** and modifications to existing valve actuation control systems
- **Onsite support and supervision** of all common valve automation activities
- **Site surveys** for valve actuated installations complete with measuring equipment
- **Function testing** of actuated systems using on-board generator and nitrogen systems



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