



Carpenter & Paterson Ltd

Pipe Support Solutions Worldwide



Off-Shore



Petrochemical



Power Generation

Company

Carpenter & Paterson Limited are specialists in the design and manufacture of Pipe Suspension Equipment, Spring Hangers and Fabricated Steelwork.

Our comprehensive service includes the supply of a wide range of standard pipe support components. Facilities exist for the design and supply of special pipe support fabrications and equipment in a wide range of materials and surface finishes to suit the customer's specific requirements.

The Company was established in 1956 and has since developed into one of Europe's largest manufacturers of Pipe Suspension Equipment.

WITCH PIPE SUSPENSION EQUIPMENT

Products

- Constant Effort Spring Units
- Variable Spring Support Units
- Ancillary Equipment (including pipe clamps, beam clips, 'U' bolts, etc.)
- Pipe Whip Restraints
- Hydraulic Shock Arrestors
- Associated Steelwork Fabrications
- Cryogenic Pipe Supports
- High Stiffness Rigid Struts and Clamps
- Witchliner Isolation Products
- P.T.F.E. Slide Bearings



Services

- Comprehensive Design of Pipe Support Systems (including 3D PDS/PDMS facility)
- Generation of individual support drawings
- Site Surveys and Inspections
- Pipe Systems Stress Analysis
- Pipe Support Training Courses





Standards

Where appropriate, all dimensions of component parts and material properties are in accordance with the following International Standards:-

- BS EN 13480-3-2002 (Metallic Industrial Piping - Part 3 Design and Calculations)
- A.S.M.E. B31.1 (Power Piping)
- A.S.M.E. B31.3 (Petroleum Refinery Piping)
- MSS. SP-58 (Pipe Hangers and Supports – Material and Design)
- MSS. SP-69 (Pipe Hangers and Supports – Selection and Application)
- A.S.M.E. Boiler and Pressure Vessel Code Section 3 - Subsection N.F. (Nuclear Power Plant Components)
- RCC-M (Design and Construction - PWR Nuclear Power Plant Components)

Software

- “Witch-Hanger”
Graphical Pipe Support Design Programme

Quality Assurance

Carpenter & Paterson's documented Quality Assurance and Quality Control Manuals are constantly in use and the company operate a quality management system which complies with the requirements of **BS EN ISO 9001**.

All incoming materials are subject to receiving control by our Quality Assurance Department and Comprehensive material traceability is a standard function of our Quality Control procedures.



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Engineering

Our Engineering department is staffed by experienced designers who are able to give practical advice and assistance in the design of pipe support systems. We also offer comprehensive pipe support "Site surveys" including analysis of new and as built piping systems.

All design and manufacturing systems within the company are controlled by formally documentd systems incorporated in our Quality Assurance and Quality Control Manuals which are based on the requirements of **BS EN ISO 9001**.

It is through this comprehensive but flexible approach, based on the accuracy and reliability of our products that Carpenter & Paterson Limited can provide a highly efficient service to our customers assuring that our name is synonymous with dependability and strength in all corners of the world.

Industries Served

- Offshore Oil & Gas
- Downstream Oil & Gas Processing
- Petrochemical & LNG
- Pharmaceutical & Chemical
- Power Generation
- Marine/Ship Building