



Carpenter & Paterson Limited

are specialists in the design and manufacture of Pipe Suspension Equipment 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 including:

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
- Mechanical 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
- Piping Systems Stress Analysis

Software

- "Witch-Hanger"
Graphical Pipe Support Design Program

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 documented 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.

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)

Introduction



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.

Surface Finishes

Within our large manufacturing area, we have in-house shot blasting and surface coating facilities, thus ensuring a rapid turnaround for any specific customer requirements regarding surface preparation and finish. A large range of painting systems is available to suit all types of environment and, in addition, the following surface protections may be performed:-

- Multi-Coat Paint Finish
- Hot Dip Galvanising
- Zinc Electro Plating
- Sheradising
- Plastic Coating

"Witchcraft"

The Carpenter and Paterson trade mark, "Witch" with its witch on her broomstick, recalls the company's original deep roots in the New England States of North America.

Witches were still hunted in Massachusetts in 1692, and one witch-hunt in Salem village resulted in the condemnation and execution of twenty innocent people who were burnt at the stake.- this execution site was in close proximity to where the original Carpenter and Paterson factory was built in 1921

After this tragic episode, witchcraft was no longer judged an indictable offence in Massachusetts.

Carpenter and Paterson Ltd, now an independent UK company, is proud of the "Witch" logo and the trade mark remains well known within the industries it serves.

Materials

All structural fabrications and component parts are principally manufactured from high quality carbon steel, alloy steel or stainless steel.

A further range of low temperature steels are available to suit specialist conditions.

Approvals

As part of our formally documented Quality Assurance programme, we are periodically audited by various National and International Organisations and Main Contractors.

Information

For more information on our Products and Services please contact either the UK Office:

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