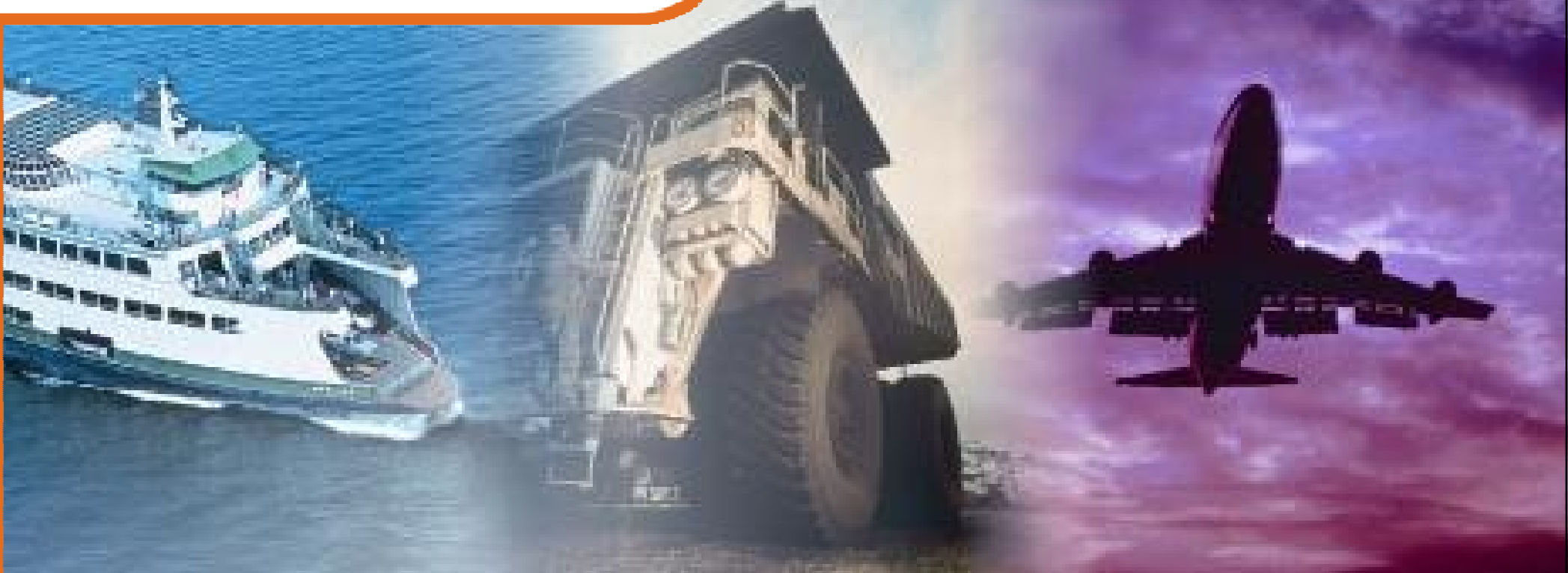


***NAA Presentation
Standards Feb12***

WMMPerformance
springs limited



***Springs for the World's Most Demanding Components
Technically Engineered for
Innovation, Quality and Life***



Tel: +44 (0)1253 716900
email: sales@performance-springs.com

Who are we?

*Specialist Compression Springs
for Applications with:*

- *High Quality*
- *High Precision*
- *High Fatigue*
- *Safety Critical*
- *High Risk Environments*

*Growing 15-20% pa
Medium Volumes*

45 Employees

*World Class Vision
International Growth*

1996 Performance Springs formed

1996 ISO 9000 approval.

*2002 Lean manufacturing journey
started*

2004 ISO9001:2000 approval

*2007 NW Automotive Alliance
Company of the Year Award*

2007 TS16949:2002 approval

*2009 UKTI Lancashire Winner
Passport to Export Award*

2011 ISO14001 approval

2012> VDA6?

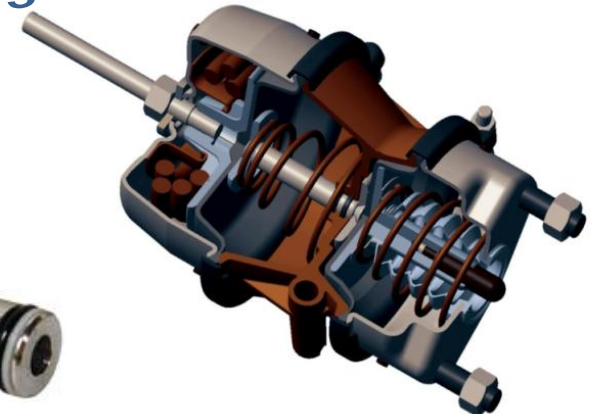
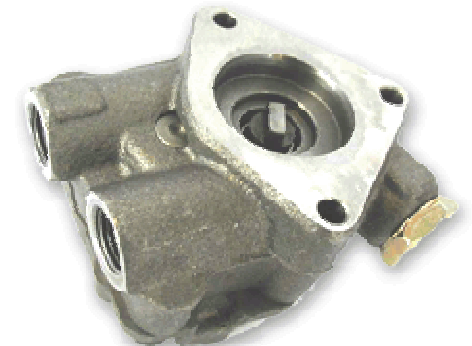
OHSAS 18001

High Volume Facility

Product Range

Compression Springs for:

- *Engine Valves*
- *Fuel Injection*
- *Clutches*
- *Brake Systems*
- *Transmission & Gearbox*
- *Steering Systems*
- *Hydraulic Pumps & Motors*
- *Hydraulic Valves*



Markets Served



- **Vehicle Industry**
 - Premier Passenger Cars
 - Motorcycles
 - Race Cars
 - Specialist Passenger Cars
 - Light and Heavy Trucks
 - Locomotive Power
 - Marine Power
 - Off Highway & Construction
 - Industrial Power
 - Defence Vehicles
- **Fluid Power & Handling:**
 - Hydraulics
 - Pneumatics
 - Valves
 - Actuators
- **Rail Track Systems**
- **Mining Industries**



Applications



Certification

- TS16949
- ISO9001
- ISO14001



Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO/TS 16949:2009

This is to certify that:

Performance Springs Limited
Scafell Road
Queensway Industrial Estate
Lytham St. Annes
FY8 3HE
United Kingdom

Hold Certificate No: TS 508940

and operates a Quality Management System which complies with the requirements of ISO/TS 16949:2009 for the following scope:

The manufacture of springs and wire forms.

Permitted Exclusions: Product Design and Development.

For and on behalf of BSI:

Managing Director, BSI EMEA

Originally registered: 14/01/2010
IATF Number: 0095601

Latest Issue: 14/01/2010

Expiry Date: 13/01/2013



Page: 1 of 1

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Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2008

This is to certify that:

Performance Springs Limited
Scafell Road
Queensway Industrial Estate
Lytham St. Annes
FY8 3HE
United Kingdom

Hold Certificate No: FM 35815

and operates a Quality Management System which complies with the requirements of ISO 9001:2008 for the following scope:

The design and manufacture of springs and wire forms.

For and on behalf of BSI:

Managing Director, BSI EMEA

Originally registered: 20/12/1996

Latest Issue: 14/01/2010

Expiry Date: 13/01/2013



Page: 1 of 1

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Presentation

WMM Performance
springs *limited*



Why ISO14001?

Why ISO14001?

- *Existing Customer Pressure*
- *Growth - Open the door to new customers*
 - *Internationally Recognised*
 - *40 to 50% Export and Increasing*
 - *Prerequisite for OEM and Tier 1 New Business*
- *Improved Safety*
- *Improve Employee Awareness*
- *Environmental Obligation*
 - *Our environmental impact is not great*
 - *Enhanced public posture with outside stakeholders*
- *Legal Complicity and Awareness*
- *Logical Extension or Bolt On to TS16949*
- *Reduce Energy Costs*

ISO14001 Approach?

- *How we did it?*
 - *Top Level Commitment – Policy Deployment Plan*
 - *Gap Analysis*
 - *Obtain NAA Funding*
 - *Project Plan*
 - *Update Policies*
 - *Integrate with existing ISO9001/TS14949 systems*
 - *Train*
 - *Implement*

- *Procedures to work for us - not us for them!*

- *Initial Assessment - BSI*
- *Final Assessment - BSI*

ISO14001 Our Hurdles?

- **Management Knowledge**
 - Used Consultant for Knowledge Transfer
- **Training**
 - Getting the right Mind Set
 - Management - Systems
 - Operators - Awareness
- **Housekeeping**
 - 5S system – Maintaining the system
 - Auditing to Maintain and for Feedback
- **Time to fit it in**
 - Consultancy
 - Train - Delegate, Absorb and Spread the roles
- **Bureaucracy**
 - Environmental Legislation
 - You cant know it all
 - Use the experts
 - Aspects and Impacts
 - It can be simplified
 - Fit into existing system
- **Costs**
 - Assistance from NAA

- *Some typical problems (as experienced on the internet)...*
 - *Leadership*
 - *Nobody really cares, starting at the top – Top Level Commitment*
 - *Poor communication - internally and externally*
 - *Failure to comply with procedures*
 - *Top management treating the EMS as a division*
 - *Silos in the organization, not allowing people to come together to solve problems*
 - *Lack of willingness to excel*
 - *Top management does not drive and monitor it like rest of business or finance.*
 - *System*
 - *Faulty or missing procedures*
 - *Lack of Integration of EMS with other management systems*
 - *Equipment and Resources*
 - *Lack of Resources*
 - *Lack of competent people to carry out an activity*
 - *Equipment malfunction or lack of maintenance*
 - *Training and Education*
 - *Lack of understanding of EMS requirements*
 - *Poor or no training of relevant material*
 - *Lack of (or poor) understanding of the subject matter*
 - *Fear of legal legislation*

ISO14001

Commercial Issues?

- *How long did it take?*
 - *6-9 Months - start to finish*
 - *but we had TS already*
 - *simple system*
- *How much did it cost?*
 - *Approx. 15 days of Consultancy - Colin Smith*
 - *Funding from NAA*
 - *50% Quality Engineer for 4 months*
 - *Training – 3 or 4 Two hourly sessions*
 - *Management Input – 10 to 30 days*
 - *2 BSI Audits*
- *Costs to maintain?*
 - *Role absorbed by existing Quality Engineer*
 - *New Tasks absorbed by Management Team as part of existing system*
 - *Annual BSI Audit*

The End

THANK YOU