



CASE STUDY

Implementation of ISO14001 Environmental Standard

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Who are we?

Specialist Compression Springs:

- High Quality
- High Precision
- High Fatigue
- Safety Critical
- High Risk Environments
- Medium Production Volumes

SME

£3m+ Turnover

45 Employees

Growing 10-20% pa

World Class Vision

Strong International Growth

- 1996 Performance Springs formed
- 1996 ISO 9001 Quality Systems
- 2002 Lean Journey started
- 2004 Internal training programs
- 2007 TS16949 Automotive Systems
- 2007 NAA Co of Year Award
- 2009 UKTI Passport to Export Award
- 2010 Joined NAA Business Excellence
- 2011 ISO14001 Environmental Sys
- 2012 NAA Co of Year Award - Bentley
- 2012 NAA Trade Co of Year - UKTI

2013 Onwards>

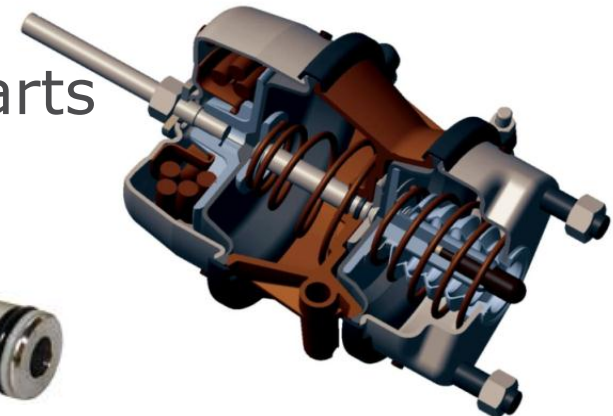
VDA6 Automotive Auditing
OHSAS 18001 Health & Safety
Continued Growth



Product Range

Compression Springs for:

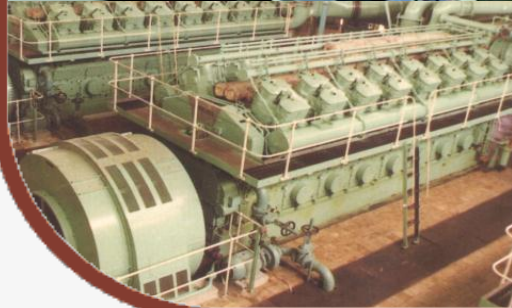
- Engine Valves
- Fuel Injection
- Clutches
- Brake Systems
- Transmission & Gearbox
- Steering Systems
- Hydraulic Pumps & Motors
- Hydraulic Valves
- Electrical & Mechanical Parts





Performance
springs

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
- Electronic Goods





Why ISO14001 Environmental Standard?

- Existing Customer Pressure
- Organic Growth - Open the door to new customers
 - Internationally Recognised Standard
 - 40 to 50% Exports and Increasing
- Potential for Growth in Higher Volume Markets
 - Pre-requisite for OEM and Tier 1 New Business



ISO14001 Approach?

- How we did it?
 - Top Level Commitment – Policy Deployment Plan
 - Application for Consultancy/Funding - NAA “Business Excellence”
 - Technical Support/Consultancy - NAA “BEP” – Smith Consultants Ltd
 - Gap Analysis
 - Project Plan
 - Integrate Procedures with existing ISO9001/TS14949 systems
 - Procedures to work for us - not us for them!
 - Train
 - Implement
 - Heavy Emphasis on Legal Compliance

- 9 Months to Implement
- Initial Assessment – BSI – Sept 2011 – Two auditors - A real wake up!
- Final Assessment – BSI – Dec 2011 – Two auditors – 2.5 Days



ISO14001 Our Hurdles?

- Knowledge
 - Knowledge Transfer
 - Smith Consulting
 - Environmental Legislation
 - Complex Bureaucracy
 - You can't know it all
 - Use the experts
 - It can be simplified
 - Fit into existing system
- Management
 - Lack of Management Time
 - Train
 - Delegate, Absorb and Spread the roles
- Training
 - Getting the right Mind Set
 - Culture Change
 - Environmental Systems
 - Operators - Awareness
- Housekeeping
 - 5S System – Maintaining the system
 - Auditing to Sustain and for Feedback
- Costs
 - Assistance from NAA
 - Business Excellence Programme



Outcomes and Benefits of ISO14001 Project

- Happy Customers
 - Improved Scorecard Rating with Existing Customers
 - Continuous Improvement
- New Opportunities for Growth
 - Including larger OEMs and Tier 1s
 - Internationally Recognised - international opportunities easier
- Additional Benefits
 - Improved Safety
 - Improved Employee Knowledge & Awareness
 - Improved Legal Compliance and Awareness
 - Logical Extension or Bolt On to TS16949 or ISO9001
 - Hence on-going costs to manage are not high
 - Reduced Energy Costs
 - Improved Corporate Responsibility
 - New jobs created and existing safeguarded
 - Part of the Reason for Winning - NAA Company of the Year Award!!!



Benefits of NAA Business Excellence Programme

- Flexibility
 - We could choose the right project and consultants to suit us
- Funding
 - Would not have gained access to consultant without
- Knowledge Transfer from Consultant
 - Would have been too difficult and time consuming for existing management team
- Indirect Benefits of NAA
 - Networking
 - Collaboration and Referrals with other organisations
 - UKTI, SMMT – Free Membership, Industry Forum, Apprenticeships, IMechE etc
 - Networking events, from quarterly meetings to awards dinner.
 - Attendance at Trade Shows
 - Benchmarking – via NAA Awards and Company Visits
 - Formal Training Programs
 - Excellent series of Automotive Specific Courses
 - Automotive News and Information... And More....

Thank You



Performance
springs

