

- Road Tanker certification in accordance with ADR, RID, IMO, T-PED etc.
- Welding procedure approval and welder qualification
- Non-destructive testing (gamma & x-ray, ultrasonic -including phased array, magnetic particle & dye penetrant)
- Materials testing –tensile, hardness & impact
- Drawing up risk-based inspection regimes
- Producing Written Schemes of Examination for major pressure systems
- Producing LOLER Written Schemes of Examination
- EN81/80 assessments
- Training sessions
- Water hygiene/legionella testing
- Air quality measurement & monitoring
- Air conditioning inspections

For any of these services, we will provide clear quotations and scope of work, ensuring our customers only pay for what they need.

### Added Value

- The often direct relationship between statutory inspection and additional consultancy services means that we can provide a one-stop solution for our customers' engineering needs
- Having multi-skilled Engineer Surveyors that can carry out both the statutory inspections and undertake additional consultancy services results in reduced costs for the customer and a continuity in relationship
- Our contract management processes ensures that jobs are completed within the required timescales and ensures that costs and disruption are kept to a minimum
- Regular internal and external auditing, coupled with a peer review process ensures that the highest standard of technical expertise is maintained
- We can provide a variety of bespoke training courses tailored to meet the specific business needs of individual customers.

For more information please contact  
your local NFU Mutual office



or contact us direct on

**01789 202560**

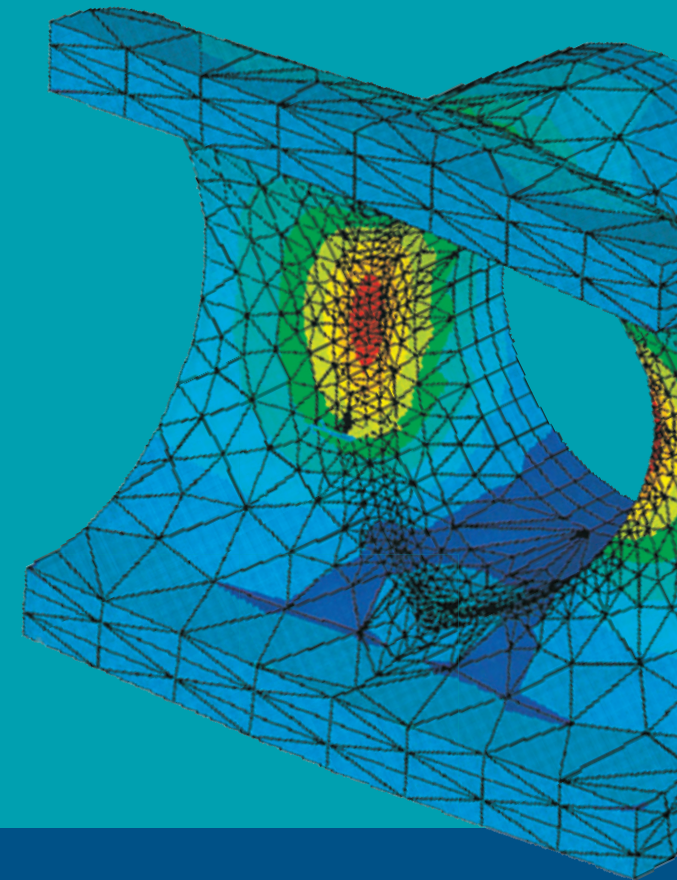
**e-mail:** [vulcan.inspectionsservices@uk.rsagroup.com](mailto:vulcan.inspectionsservices@uk.rsagroup.com)

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Working in partnership with



# A guide to consultancy services



Protecting People, Protecting Business

## Who are we?

With a proven track record of excellence in reducing business risk, protecting people and improving efficiency, our Engineering Consultancy Service is the jewel of the Vulcan Inspection business.

Operating across a wide and diverse range of industries, we have extensive experience in offering a variety of consultancy services, providing bespoke solutions for a variety of customer requirements; from approving the design of pressure vessels and lifting equipment, to overseeing the build and manufacture to national and international codes. We are experts in a number of sectors including: power generation & distribution, manufacturing, petrochemical, pharmaceutical, defence, property and retail industries.

Our dedicated team of Consultant Engineers are supported by a UK-wide network of Engineer Surveyors trained in delivering specialist consultancy services, supported by our UKAS approved material testing labs. We are capable of reacting immediately to customer needs, regardless of their location in the UK.



## Did you know...

That Vulcan Inspection Services has a team of Consultant Engineers who are industry experts in the following activities:

- stress and finite element analysis
- design approval of pressure equipment
- ASME code inspections
- audits to ISO: 9000 and PED modules
- approval and certification of road tankers
- pipework flexibility analysis
- health & safety training
- water hygiene/legionella testing
- authoritative technical reviews
- welder procedure approval testing
- materials testing
- verification that lifts and window cleaning equipment have been installed in accordance with the appropriate specifications.

## We're really good at...

- **Pre-commissioning services** - being one of the UK's leading 'Notified Bodies', accredited by the UK Accreditation Service, our Engineers have a wealth of experience in both machinery and pressure equipment design approvals and certification
- **Pre-commissioning surveys** - our nationwide team of dedicated pre-commissioning surveyors can carry out a range of inspections during the manufacturing process, including witnessing welding qualifications. We help ensure that items are manufactured according to the relevant legislation (e.g.: PED, T-PED, ASME and Machinery Directive)
- **Inspecting and approving modifications and repairs** - we can provide technical advice and guidance to ensure that any repairs and modifications comply with the appropriate standards, giving customers complete peace of mind and reassurance that their plant is fit for purpose

- **Non-destructive testing** - we can carry out parent metal and weld integrity assessments both on site or in our own NDT and material testing laboratories
- **Risk-based inspections** - we can work with our customers and other relevant authorities in reviewing operating conditions and plant integrity with a view to extending the required period between inspections, or targeting inspection requirements. This can help reduce (or in some cases eliminate) plant shut downs, saving significant disruption and expense
- **Maintenance management** - we can audit maintenance records, giving our customers the confidence that the appropriate regime and controls are in place
- **Training** - we can deliver training on a variety of topics, helping our customers understand their legislative obligations. We can tailor course content for specific audiences on subjects including PED, LOLER, PSSR (including WSE) & PUWER.

## Our key selling points

### Credentials

- We can offer a wide range of expertise across a variety of disciplines
- We have a UK-wide network of surveyors able to support our Consultancy Services activities
- Our Consultancy activities are regularly audited and accredited by UKAS & ASME
- We have access to a suite of the latest engineering software packages such as PSA5, OHMTech
- Overseas accreditations assisting in certification of items outside of the UK

### Service

The portfolio of Consultancy Services we can offer include:

- Design approvals of pressure equipment (PED, ASME)
- Inspection to confirm compliance with CE Marking/ASME code stamp requirements
- Stress/finite element analysis
- Pipework flexibility analysis