Spectro is one of the leading testing and inspection laboratories in India. We provide testing, auditing, inspection, training and customized services under one roof which is convenient, time saving and cost effective. Quality assurance being one of our priorities, our laboratories has national and international accreditations. We provide inspection facilities in various fields such as:

- Hardline & Softline Inspection
- Food Inspection
- Auto Parts Inspection
- Factory Audits
- Pre Shipment Inspection
- Supplier Assessment Audits

**Softline & Hardline Inspection**

Spectro provide inspection services for the Softlines and Hardline sector. Spectro carry out inspection for yarn, fabric, garments, footwear, leather, home furnishing, Toys, hard goods, accessories, jewelry, candle stands and other consumer products. All tests are carried out at our NABL accredited laboratories using state of art instrumentation including AAS, ICP, GC, GC MS, HPLC, TG/DSC.

Visual inspections are carried out at the supplier’s premises to verify quality, quantity and packaging to conform as per the client’s specification. Inspection program includes:

**Factory Audit**

The Factory Audit is performed by our Auditor following a general framework designed according to ISO 9001 standards and completed as per client’s specific requirements.

All the important elements, such as quality system procedures, production capacity, child labour, staff facilities and personal hygiene etc. are assessed. The Factory Assessment Report that we produce enables the buyers to efficiently select and maintain a high-qualified vendor base.

**Food Inspection**

Spectro offers various inspection services for the food sector such as:

- Quality Comparison Audit: This audit helps realise where the product quality stands in comparison to others. It includes a surprise/ announced visit to the store, picking up assorted samples from the shelf as per inspection level and evaluating their quality level.

- Vendor Assessment Program: The objective is to verify the capability of the vendors in terms of meeting the quality, quantity and delivery requirements of the retailer.
NDT Testing & Inspection

Spectro is one of the India's largest NDT testing & inspection service providers and believes in working closely with customers to understand and address their needs in a reliable, quality-compliant by using the most appropriate technology to best effect.

NDT tests routinely done for civil and structural evaluation at site as well as in laboratory. Spectro regularly doing jobs in petroleum refineries, hydro power and thermal power plants, fertilizers, bridges etc.

The services SPECTRO NDT provides In-Situ Metallography, Failure analysis, Welder Qualification, Positive Material Identification, Chemical Analysis, Physical and Mechanical testing, Metallurgical studies including micro and macro examination, Concrete ultrasonic pulse velocity, Ultrasonic Testing (UT), Core cutting and Carbonation tests, X ray and Gamma ray, Oxide thickness measurement in pipelines, Dye Penetrant Testing, Magnetic Particle Testing, Ultrasonic Thickness Measurement, Portable Hardness, Ferrite Measurement, Positive Material Identification using portable alloy analysers, Rebar location and profiling in concrete, Residual Life Assessment (RLA) of Boilers and pressure vessels, Third Party Inspection as well as several other advanced NDT testing and inspection related services.

Spectro offers a wide range of conventional inspection technology, including site radiography, supported by specialist techniques. SPECTRO also offers NDT Training, Welder Training services.

Pre Shipment Inspection

Pre-shipment inspection is offered to exporters and importers that comprise a detailed inspection of equipment or materials after manufacture, but prior to shipment.

Our Scope Include:

- Quality
- Quantity
- Packing & Marking
- Supervision of Loading

For export to countries with import certification schemes, the Spectro pre-shipment inspection is a necessary step to receive an import certificate for the shipment. Without this certificate the shipment will not be able to clear customs in the country of destination.

Automotive Inspection Services

Spectro provides highly specialized services to meet the challenges of quality, cost and delivery risks at each stage of the supply chain. Spectro provides Supplier Development and Quality support service.

Spectro provides Product inspection/verification action at the supplier's premises at various stages of manufacturing or final delivery stage to prevent defective products being supplied to the customers and the inspection includes Functional, Noise, Appearance, Dimensional, Physical and metallurgical checks.

Supplier Audit

The aim is to evaluate an organization’s readiness to introduce a traceability system and/or actual capability to perform traceability in accordance with buyer requirements regulations, best practices, and global standards. Capability and capacity assessment audits are aimed at providing detailed information to the customer on supplier’s management processes, product execution, mass production preparedness, design/process change control, purchasing, production control & their combination with support processes and document / record keeping practices. The outcome spells out what actions to take to realize your goals. The object of the Social Audit is to check the compliance of the supplier regarding Hygiene and Safety Standards, local working laws and Child Labor policy according to SA 8000.
Major Activities

- Metals & Alloys
- Non Destructive Testing
- Rubber & Polymers
- Food and Agro Products
- Coal, Solid Fuels & Petroleum
- Electrical & Electronics
- Pharmaceuticals & Drugs
- Building Materials
- Minerals & Chemicals
- Leather & Textiles
- Water & Environment
- Paper & Packaging Materials
- Hazardous Substances
- Clean Room Validation

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