

#### **Engineering Services**

- Failure Analysis (Fractography)
- Metallurgical Studies
  - o Grain Size, Microstructure
  - Chemical Composition
- Physical and Chemical Testing
  - Mechanical Testing (Tensile, Hardness, Impact)
  - Corrosion Study
- Topological Characterization
  - o High Resolution Imaging (SEM, TEM, AFM)
  - Spectroscopy
- Lubrication and Tribology Tests
  - Friction and Wear Tests
  - Lubrication Characterization
- Engineering Product Design
  - Concept to Prototype and 3D Printing

# Contract **R&D** and **Tech** Development Contact us for details

#### **Corporate Training**

- Research Methodology
- Entrepreneurship and Product Development
- Technical Training (Materials & Design)
- Lubrication and Preventive Maintenance
- Accreditation Training

#### **Independent Inspection Services**

- Witness of: Factory Acceptance Test (FAT)
- Hydro Tests & Pneumatic Tests
- Hydro-static test
- o Mechanical test
- o Functionality and Loading
- o Dimensional Checks
- Inspection of:
  - o Pipeline
  - o Welding, Painting & Coating
  - Packing and Marking
  - o Pressure vessels and Boilers
- · Review of:
  - Material Test Certificate (MTRs)
  - Positive Material Identifications (PMI)
  - o Certificate of Conformity (COC)
  - NDE Tests (X-ray, DPI, UT and MT)
  - Chemical Compositions
  - O PO and SOW Compliance
  - O Design Data Book
- Other Specialized Inspection Services

### **Contact Us**

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"Serving through Contract Research, Technology Development, and Engineering Services"

## Contact us for free Consultation and Quote

- Product Design and Prototype Development
- Materials Design, Development, and Properties
  Optimization
  - 3D Printing Feasibility Study
    - Engineering Services
  - Engineering Materials Testing Services
    - Independent Inspection Services
      - Corporate Training



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