How We Conduct Our Inspections

1. Planning & Preparation:
Define the scope and objectives of the inspection, focusing areas.

2. Use of Technology:
Use our equipment depending on the SOW.

3. Data Collection:
Gather detailed imagery and precise measurements during a single inspection session, ensuring maximum efficiency.

4. Analysis & Reporting:
Process and analyze the data to identify corrosion trends and/or areas of interest.

5. Actionable Insights:
Provide detailed, actionable recommendations, if required.

ZENTECH

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ZENTECH

INNOVATIVE ENGINEERING SOLUTIONS

SCAN ME

Technical Inspection Consultancy

We provide world-class visual and corrosion inspection services to help ensure the safety, reliability and longevity of your assets, using cutting-edge technology and leading experience from over 40 years in the oil and gas industry.

WHY CORROSION INSPECTION MATTERS

Preventing Structural Failures: Corrosion can lead to material degradation, structural weakening, and catastrophic failures, especially in the oil and gas sector.

Cost Savings: Early detection of corrosion minimizes costly repairs and operational downtimes.

Regulatory Compliance: Ensuring that assets and equipment meet industry safety and compliance standards is paramount to avoiding legal and financial repercussions.

ZXR - Inspection Technology

UAV Drones:
- Flyability Elios 3 w/UTI Module
- Scout 137 w/UTI Module

ROV:
- VideoRay Defender

Capabilities added to Zentech:
- UTGauging of Steel Structures via UAVDrones
- UnderWater Inspections via ROV Drone

TECHNOLOGY DRIVEN INSPECTIONS

- **ROV Defender by Video Ray**
- **Flyability Elios 3**
- **Scout 137 Drone System**
- **Other Scanning Equipment:**
  - FARO S120
  - FARO S150
  - Leica BLK-360
  - NavVis VLX 3
  - Elios 3
  - Matterport Pro3
- **Software:**
  - Faro Scene
  - FARO As-Built
  - Leica Cyclone
  - NavVis Ivion
  - Flyability Inspector 5
  - Matterport Cloud Processing
  - Autodesk RECAP
- **Photogrammetry:**
  - Pix4D