



Introduction

RedScope is a contract Non-Destructive Testing (NDT) and cleaning service provider specializing in the delivery of remote imaging noninvasive sensors to difficult or hard-to-reach locations of critical plant component assets.

With over 15 years of experience in structural assessment using robotics, our ability to characterize and assess the structural condition of capital assets by implementing advanced NDT technologies supporting improvements in operation, predictive, preventative, and failure analysis initiatives. Working in conjunction with engineers and remediation teams, RedScope professionals provide the necessary reconnaissance to make the proper condition assessment on valves, buried and exposed pipelines, boilers, heat exchangers, tanks, and pressure vessels.

Service Offerings

Our service offerings include the deployment of qualified field service personnel or coupled with portable NDT equipment to any location in the world. Our professionals are highly trained in specialized remote tooling technologies and data acquisition methods. Our equipment resource pool includes but not limited to:

1. Miniature imaging probes (2-8mm)
2. Camera systems in the visible and near IR spectrums with pan, tilt and zoom
3. Remotely Operated Vehicles (ROV) - tethered & wireless, 4-24in dia, 1500ft from point of entry
4. Surface remediation systems using Hydrolasing, CO2 and Laser cleaning.

Qualifications

Each RedScope professional is prequalified for their psychological stamina as well as a federally sponsored criminal background and credit check. Our training program adheres to ANSI/ASNT CP-189 where each member undergoes a comprehensive

training program consisting of; tooling specific operations and repair, data acquisition methodologies on lighting, optics, sensors, and data storage integrity.

In addition, they also receive training on workplace health and safety including confined space, foreign material exclusion, scaffolding, workplace safety surrounding fatigue management and shift work.

Out of Scope Support

For emergent applications, our back-end support team consists of degreed technologists in the field of mechanics, electronics, software and optics as well as 24hr build-on-demand manufacturing support to any unique or abnormal need.

Organization

We are a privately held, US Corporation registered and having our primary office of business in New York state since 2012. We are an NQA-1, 10CFR50 Appendix B, and ISO9001:2008 safety centric organization.

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