

Asset Integrity Management

Maximising return on assets, while maintaining plant safety



Given the potential for major safety incidents and the requirement under current statutory regulations to demonstrate due diligence in the safe operation of plant, systematic planning and control of asset integrity throughout the life cycle is essential. In addition to enhanced safety, significant economic benefits can also be achieved by employing an Asset Integrity Management approach, including:

- ⊕ **Optimised inspection and maintenance strategies**
- ⊕ **Extended intervals between planned outages**
- ⊕ **Reduction in forced outages**
- ⊕ **Increased plant availability**
- ⊕ **Extended plant life.**

Through extensive in-house engineering and inspection resources and collaboration with other major international companies, **Applus RTD** can offer a comprehensive and fully integrated package of services to support plant operators in achieving the goal of maximising return on assets, while maintaining plant safety.

Applus RTD provides the following services as individual packages or combined to provide a total Asset Integrity Management programme.

- ⊕ Risk Based Inspection Planning
- ⊕ Inspection Management Services
- ⊕ In Service Inspection
- ⊕ Plant Life Management
- ⊕ Metallurgical Services.

Importantly, **Applus RTD** can also call upon extensive in-house expertise and resources for advanced inspection and conventional NDT, providing a total capability for management of through life plant integrity.

Applus RTD, in collaboration with our local and international partners, has extensive experience in the application of these services to a wide range of industries including:

- ⊕ Ore Processing and Handling
- ⊕ Oil & Gas
- ⊕ Petrochemical
- ⊕ Refining
- ⊕ Power Generation.

