

COMPANY PROFILE

Your Challenge is
Our Speciality

Company Overview

WINESTRA is a provider of asset Integrity management and engineering services which improve operational reliability, safety and asset protection whilst at the same time helping to maximize plant performance and mitigate the constant challenges and risk faced by energy industry

Our business focused to asset life cycle integrity solution to maintain Client asset in a fit-for-service condition while extending its remaining life in the most reliable, safe, and cost-effective manner for market sectors of Oil and Gas, Power Generation, Refinery, Industrial, and Sustainable energy.

Our Values

WINESTRA develops and runs the business based on values that we keep in our heart and implements in daily working habits. Hence, these values guide us on how we act, how we make decision and how we deliver services

- ✓ High Value Services
- ✓ Passion for Excellence
- ✓ Clients Satisfactions
- ✓ Integrity and Safety



About Us

WINESTRA team is a group of talented engineers in the industry. We're confident for offering practical advice and solutions that clients can implement in the field. We always concern for your safety, reliability and optimization of plants operating conditions.

Commitment



We have commitment on good quality deliverables and cost effective solutions

Competence



We founded by a group of experienced engineer in year 2016.



The core engineering team has experience all asset life stage.



Our engineers hold various certification from API, CSWIP, NACE, etc

Organization



We energized by sharing passion on the professionalism and entrepreneurship



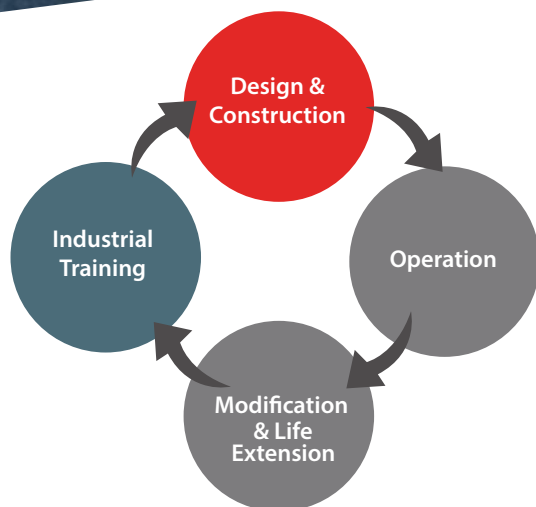
Our business focused on asset life-cycle integrity solution.



Our team had been supported by professional institution and professional expert

Our **Services**

Based on our core competencies and client's needs, WINESTRA offers services as follows:



Design & Construction

Integrity engineering during design and construction phase is very critical to ensure the optimum material requirements, fabrication and construction procedures as well as mitigation and maintenance requirements for the intended period of operation. Our engineers have experiences in plentiful projects with various fluid case and specific requirement.

Corrosion Assessment & Materials Selection

The correct corrosion assessment and proper material selection used helps to increase plant availability as well as reduce leakages and unplanned maintenance.

Welding Engineering & Cathodic Protection Design

The welding procedures provides direction to welding process for making sound production welds as per the code requirements. Whereas the good CP system design will ensure the protection from external corrosions.

QA/QC Engineering

QA and QC Services, from Vendor Inspection through to System Audits and Expediting, can ensure that your projects are constructed according applicable code & standards and all regulatory requirement.

Service Specialties

Materials Selection, Welding Design, Coating Selection & CP Design

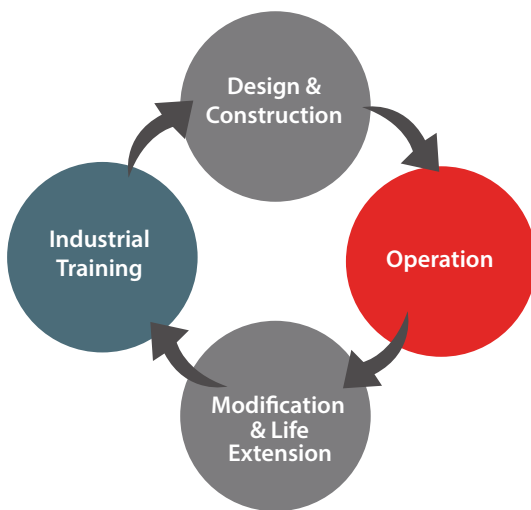
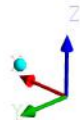
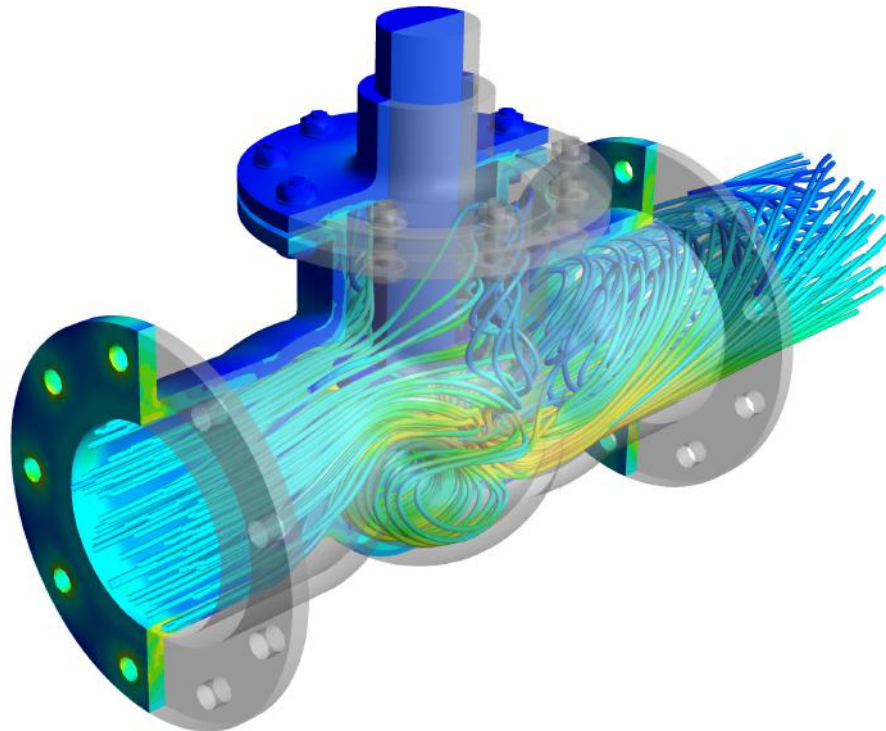
Corrosion Control and Management

Materials Inspection and Testing

QA/QC Engineering and Management

Velocity
velocity

1.004e+001
7.530e+000
5.020e+000
2.510e+000
0.000e+000
[m s⁻¹]



Operation

Integrity management plan and implementation of monitoring/ inspection activity will ensure in achieving the operational excellence. Our engineers have through long man hours combined in risk based inspection, integrity management system and IRRM as efforts to ensure the safety, optimum scheduling, and minimize maintenance cost.

Risk Based Inspection

RBI has become a proven methodology, as it refocuses and prioritizes inspection activities based on risk analysis. This technology can be applied to pressurized static asset in attention to manage cost and improve safety.

Integrity Management System

The integrity system is tailored to operations and established based on the experience and compliance with industry's best engineering standards and practice.

Inspection, Repair, Replacement & Maintenance

The right strategy and procedure for inspection, repair, replacement and maintenance help maintaining availability of operation at the minimum cost.

Service Specialties

Risk Based Inspection (RBI)

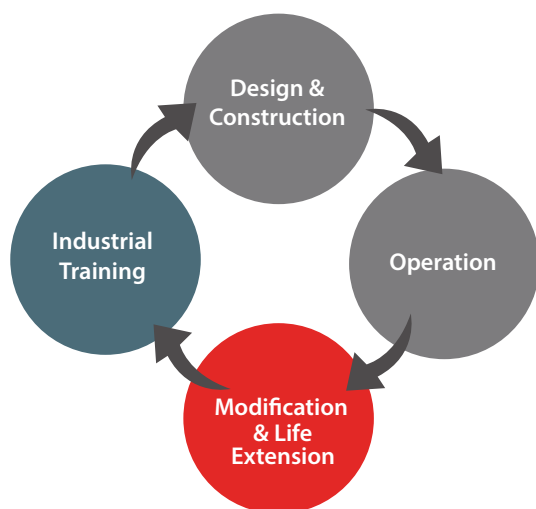
Asset Integrity Management

Pipeline Integrity Management System

Integrity Operating Windows (IOS)

Inspection, Repair, Replacement, and Maintenance (IMMR)

Subsea Pipeline Free span Analysis



Modification & Life Extension

The evaluation of all types of damage mechanisms that occur in oil and gas industry on a wide variety such as pressurized static equipment and pipelines helps optimize in intends to extent the availability of the asset as per code and recommended practice. Our engineers have many years of experience conducting asset life extension and failure analysis in order to maximize the asset lifetime.

Life Extension

The RLA & FFS exercise includes L1, L2 and L3 complies to code & recommended practice and supported by FEA software will ensure the efficient and safe asset utilization.

Failure Analysis

The assessment of failure analysis helps the asset owner to draw lesson of incidents for later engineering improvement.

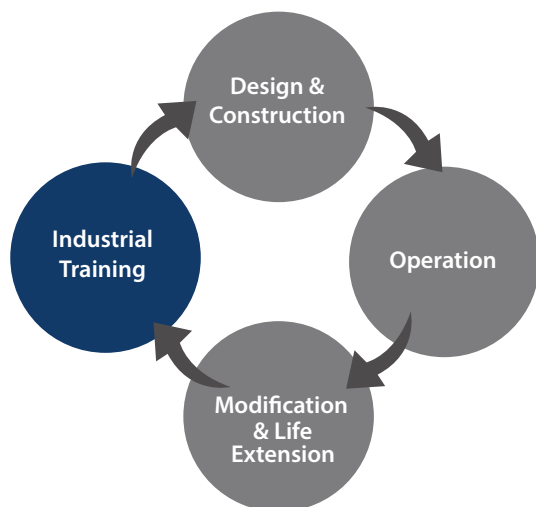
Service Specialties

Remaining Life Assesment and Fitness for Service

Facility Risk Assesment and Integrity Review

Finite Element Assesment

Failure and Root Cause / Analysis



Industrial Training

Industrial experienced trainers deliver comprehensive training courses on asset integrity related topics. The training is tailored to the actual operating environment and requirements of the client. Our literature and course content is code compliant and follows the latest industry wide best engineering practices.

Risk Based Inspection Training

The RBI implementation is holistic integrity program during design and operation to goal in efficient inspection & maintenance plan. It integrate all engineering aspects as well as the various disciplines.

- To understand the reason for and benefit of implementing RBI program.
- To practice the practical RBI implementation.
- To plan a successful RBI implementation program.
- To prepare RBI inspection plan and optimize the maintenance and inspection interval.
- To be able to recommend suitable risk mitigation action.

Service Specialties

Asset Integrity Training

RBI RP 580 & 581 Training

FFS API 579 Training



Winestra
Wiyasa energi nusantara

PT. Wiyasa Energi Nusantara
The Boulevard Office Unit 1/D1
Jalan Haji Fachrudin No.5, Jakarta Pusat, Indonesia
+62-21-3199-1447
www.winestra.com