

Integrity EPC



MECHANICAL INTEGRITY

QUALITY - INNOVATION - INTEGRITY

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MECHANICAL INTEGRITY OVERVIEW

WHO WE ARE

Integrity EPC is a group of integrity, engineering, procurement, and construction consultants that leverage oil and gas industry experience to create innovative solutions for each client's unique situation. We pride ourselves on our work ethic, honesty, and integrity.

MISSION STATEMENT

Our goal is to develop financial, professional and personal growth for all clientele by improving their existing and future quality of product and service life. We foster the Client's vision ensuring complete satisfaction while providing the highest exceptional products and services Integrity EPC has to offer.

VALUE STATEMENT

Integrity EPC's main objective is to make every client successful by providing high quality and cost-effective services and solution-driven leadership with honesty and integrity. We provide this by maintaining an innovative and flexible approach for the clientele by encouraging open communication and considering new ideas for the overall project development process. We do this with the highest regards to environment, safety, and the clientele's best interest.

MI TECHNOLOGY / DATA SERVICES

Integrity EPC's Technology Division features the Blue Hawk technology suite. We provide industry leading data acquisition and mechanical integrity analysis platforms.

- Blue Hawk MI - Inspection Data Management System (IDMS)
- Blue Hawk SF - Smart Form Inspection Data Capture
- Blue Hawk CAD - Toolset for Efficient Inspection Drawings
- Inspection Data Processing (into any platform or IDMS)
- CAD Services including Inspection Drawings/ISO's

TURNAROUND SERVICES

Integrity EPC simplifies the turnaround services process by designing, managing, and executing all aspects of your turnarounds. From engineering to inspections to maintenance, all with the convenience of a single contractor.

- Turnaround Inspection Services
- Fixed Equipment Risk Analysis
- API 510 Inspections for Pressure Vessels
- API 570 Inspections for Piping Circuits
- API 653 Inspections for Aboveground Storage Tanks
- Turnaround Maintenance & Inspection Data Reporting

INSPECTION SERVICES

- Baseline Visual & Thickness Examinations
- Positive Material Identification (PMI)
- API 1169 Pipeline Inspection
- Fabrication Inspection
- New Construction Inspection
- Welding Procedures
- CWI - Certified Welding Inspection
- Instrumentation & Electrical (I&E) Inspection
- Quality Assurance/Quality Control (QA/QC)

MECHANICAL INTEGRITY SERVICES

- Create procedures and training programs to cover all aspects of a compliant MI Program
- Identifying and categorizing facilities equipment and instrumentation for the manufacture, handling, storage, movement of chemicals or highly hazardous materials
- Create Integrity Operating Windows (IOWs) for all MI program equipment and instrumentation
- Define associated documentation for all equipment and instrumentation including RAGAGEPs and manufacturer recommendations
- Define the types, frequency, and create Inspection Test Plans & Preventive Maintenance (ITPMs)
- Systemize & Circuitize the facilities Equipment and Piping
- Deficiency program recording and management
- MI Specialist Consultation for allocation of CML's for baseline inspections that will best ensure the integrity of the facilities pressure equipment and piping
- Risk Based Inspection analysis and implementation
- Collection, analysis, and maintenance of all collected non-destructive examination data
- On-going support and servicing throughout the life of the assets, ensuring the facilities MI Program maintains up-to-date compliance and implementation followed
- Review and create QA Plans
- Specialize in COGCC 600 Compliance

WHY MECHANICAL INTEGRITY PROGRAMS?

In response to several major disasters in both the United States and abroad, OSHA began to develop a comprehensive standard addressing hazards related to release of HHCs in the workplace. The standard, 29 CFR 1910.119 by OSHA, has driven Process Safety Management (PSM) and the requirement that facilities SHALL be required to implement Mechanical Integrity Programs. Integrity EPC supports clients to develop, implement and maintain MI Programs from the ground up that meets all regulatory; both Federal and local.