



HEXIS - HEAT EXCHANGER INTEGRATED SERVICES



AUTOMATED, INTEGRATED SERVICE

HEXIS is a fully automated and integrated system that combines industrial cleaning and non-destructive examination systems. HEXIS 2.0 can be performed on air coolers and bundles that are in-situ, further broadening the reach of its capabilities. Clean and inspect your heat exchanger tube bundles in a fraction of the time with HEXIS.



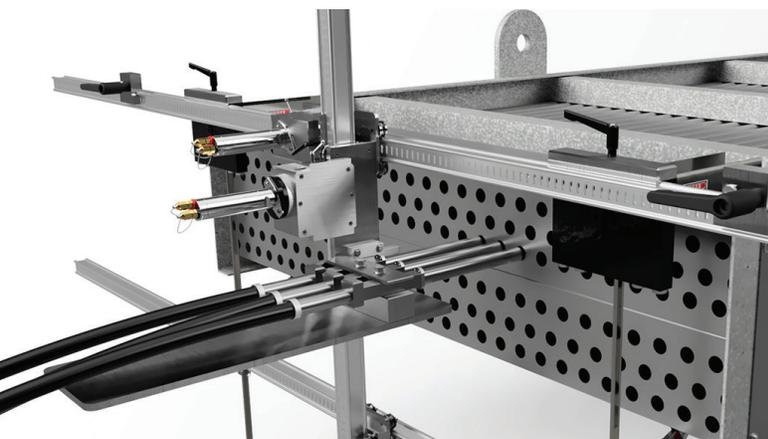
INCREASES SAFETY



ELIMINATES REWORK



FULLY MOBILE



CUSTOMIZE THE LANCE PROCESS

In order to achieve the highest integrity of tube inspection, HEXIS allows for configuration of the cleaning and inspection processes. Mode types are selected based on the condition of the exchanger tubes to achieve the highest quality of data.

2X1 Mode

Hydroblast X 2 tubes
Examination X 1 tube

Each tube cleaned twice before a 100% examination is completed.

3X1 Mode

Hydroblast X 3 tubes
Examination X 1 tube

Provides a 33% examination pattern.

2X2 Mode

Hydroblast X 2 tubes
Examination X 2 tubes

Doubles the HEXIS production rate for 100% examination.

AND MORE!

TUBE CLEANING

Utilizes cutting-edge hydroblasting equipment to perform the cleaning of the tube IDs. Pressure ranges between 2K to 40K PSI. Turnkey services also provide shell side and component cleaning.

NON-DESTRUCTIVE TESTING

Non-destructive testing utilizes proven electromagnetic techniques to examine the integrity of the exchanger tubes, allowing a variety of flaws and defects to be detected and measured.

WE ARE AMERAPEX

Amerapex's mission is the advancement of our clients. Through innovation, technology, integrated engineering and industrial solutions.

Amerapex brings the highest quality and optimal cost to our clients.

MISSION STATEMENT

EXPERTS IN INTEGRATED SOLUTIONS



ASSET MANAGEMENT

- API Inspections
- Corrosion Under Insulation (CUI)
- Tubing Inspection
 - Eddy Current Testing (ECT)
 - Pulsed Eddy Current (PEC)
- Electromagnetic Acoustic Transducer (EMAT)
- Heat Exchanger Integrated Services (HEXIS)
- High-Speed Vertical Tube Inspection (HVTI)



ENGINEERING SERVICES

- Civil/Structural Engineering
- Electrical Engineering
- Information Technology
- Mechanical Engineering
- Piping Engineering
- Process Engineering
- Procurement
- Profitability Applications
- Program & Project Management
- Industrial Water Treatment
- FPSO Commissioning/Decommissioning
- Instrumentation & Control Engineering
- FPSO Manufacturing Inspection
- Drops Inspection
- Aluminum & Duplex Welding



GREEN ENERGY SOLUTIONS

- Windmill Blade Inspection
 - Phased Array
 - Rope Access
- Bio-diesel Technology
- Magnetic Particle
- Phased Array
- Radiography
 - Computed Radiography (CR)
 - Digital Radiography (DR)
- Rope Access
- Positive Material Identification (PMI)
- Storage Tank Inspection
- Turnaround Inspections



MECHANICAL INTEGRITY

- Asset Integrity
- Asset Management Software Support
- CML/Inspection Optimization
- Corrosion Engineering
- Corrosion Study & DMR
- Failure Mode Effects Analysis
- Fitness for Service
- Integrity Operating Windows
- Key Performance Indicators (KPIs)
- Maintenance & Reliability
- Mature & Late Life Asset Management
- Performance Standards
- Risk Assessments
- Risk Based Inspection (RBI)
- Technical Due Diligence



SEISMIC SERVICES

- Geological Services
- Data Acquisition
- Field Processing



INDUSTRIAL SOLUTIONS

- Hydroblasting/Hydrocutting
- Mechanical Services
 - Piping Fabrication & Repairs
 - Blinding & Isolation
 - Structural & Civil
 - Pipeline/Station Services
 - Tank & Vessel Services
- Tank & Vessel Cleaning
- Industrial Coatings
- Soil Remediation
- Confined Space Rescue (CSR)
- Pipeline Construction,
- Maintenance & Integrity



ENVIRONMENTAL SOLUTIONS

- Demolition & Restoration
- Project Management & Consulting
- Remediation Services
- Waste Management



WATER TREATMENT SOLUTIONS

- Produced Water
- Process Water
- Cooling Water
- Wastewater
- Flowback
- Pipeline Remediation
- Slop Water

