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Comprehensive Analytical Surveys ✓

Detailed Gap Analysis ✓

Worldwide Laboratory Support ✓

Preventative Measure Assessment ✓

Rapid Reaction Solutions ✓

Mercury Management Plans ✓

Supported Implementation ✓

Biological Assessments ✓

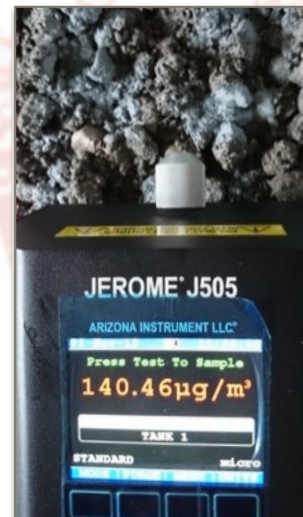
for:

HazMat Investigation



BAHX Analysis

Investigative analysis of suspected mercury effected Brazed Aluminium Heat Exchangers (BAHX) with a view to determining process integrity, system decontamination, mercury protection requirements



Environmental Impact

Survey and analysis of environmentally sensitive areas, work areas, process zones to determine mercury cleanup requirements. Confirmation of cross-contamination and removal of mercury from ground, soil, etc.



Root Cause Analysis

Investigation and gap analysis of existing systems, procedures, processes, protocols to determine root cause and peripheral effects of incidents and accidents where hazardous toxins and contaminants are suspected.



Mercury Mapping

Comprehensive online sampling and analysis of product streams and process dynamics to determine mercury mass balance and speciation across the facility including venting and plume prediction as well as decontamination requirements.



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Services

- Mercury Decontamination
- Decontamination of Facilities (Onshore, Offshore, Tanks, Vessels, Ancillaries)
- HazMat Investigations & Surveys
- Mercury Management Plan (MMP)

Chemicals

- Mercury Vapour Decontamination
- Hydrocarbon Decontamination
- Hydrocarbon Viscosity Reduction
- Heavy Metals Encapsulation
- H₂S Scavenger (Non-Triazine)
- Mercury Desorption & Amalgamation

Products

- 4-Stage Respiratory Protection (Portable)
- Mercury Vapour-Proof Masks (Disposable)
- Mercury Vapour Analysers
- Multi-Gas Detection & Monitoring Systems
- Wireless Gas Detection Systems
- Heavy Metals Field Analysis Systems
- Biological Monitoring & Protection Kits
- Mobile Laboratories

Who Are We?...

Total Hazardous and Integrated Solutions [THIS] is an independent company promoting niche environmental projects and solutions for the global oil and gas and petrochemical industries and is accredited, with ISO 14001, ISO 9001, OHSAS 18001 and TIS 18001.

THIS was established in Thailand as a privately owned service company in 2013 with a focused range of products and services for customers throughout Asia and Australia. THIS now holds multiple contracts for Mercury Management Services across the globe including the conduction of HazMat surveys and investigations as well as Mercury Management Plans (MMP) specifically tailored to address and control the risk of mercury, mercuric compounds and elemental vapour as well as the safety of personnel and asset integrity.

THIS is the leading mercury management specialist in South East Asia. We deliver a wide range of mercury related services, including...

- Hazardous Material Handling
- Waste Reduction and Treatment
- Storage and Final Disposal Solutions
- Total Mercury Decontamination of pipelines, vessels, facilities, tools and ancillaries, hazardous shutdown / turnaround supervision
- Provision of Handling Procedures for Hazardous Materials
- Bespoke Training Services

Contact Us

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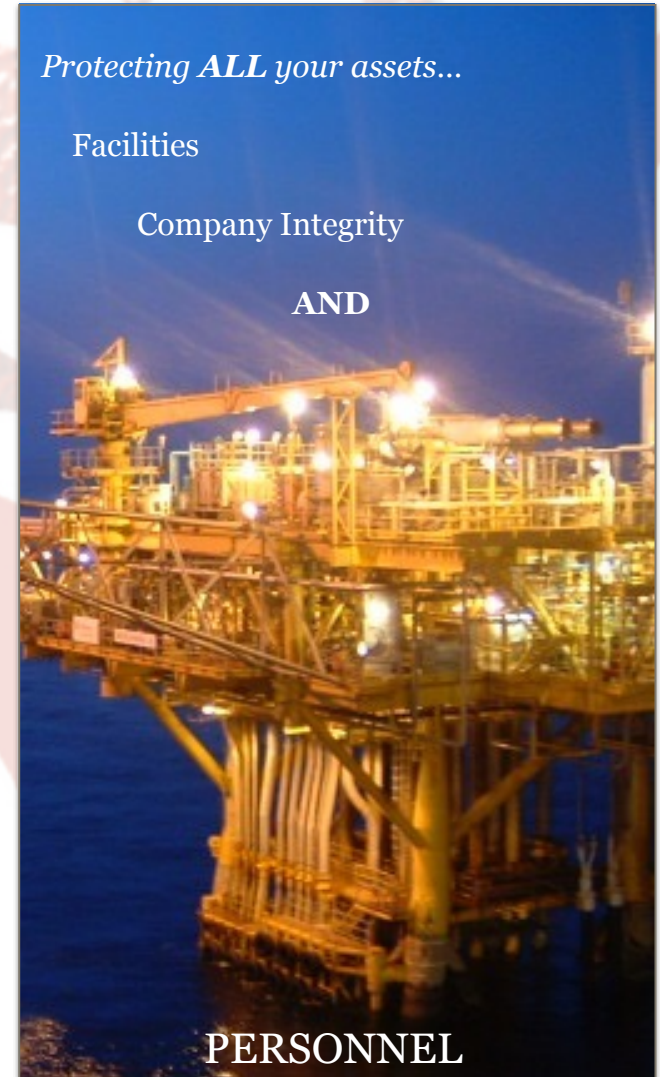
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Protecting **ALL** your assets...

Facilities

Company Integrity

AND



PERSONNEL