



...www.is the solution.com



HM5000 Metalyser Benchtop

Compact Benchtop voltammetry instrument for customisable laboratory heavy metals analysis.

Comparable to AAS & ICP
Dust-free enclosure, auto-sample elevation, nitrogen purge

Padua-Stat WQS5-series Water Course Monitor

Remote multi-parameter monitoring station with live feed reporting & monitoring.

Power by solar, wind or mains
Configurable weather station option
Monitor up to 17 parameters
27 metre sampling pump



for:

Field Analytical Units [Fluids & Soils]



HM1000 Metalyser Portable

9 Heavy Metals
Portable analyser for the quick and easy detection of heavy metals in water, at **ppb** levels.

Rapid in-field analysis
Precise results as low as 3ppb
Voltammetric Technique
Intuitive user interface
Rugged, waterproof design
Consumables for 250 tests included



HM2000 Metalyser Deluxe

12 Heavy Metals
Portable Field Kit, combining electrochemical & photometric techniques.

Rapid in-field analysis
Suitable for remediation studies
Precise results from ppb to ppm levels
Consumables for 600 tests included



HM3000 Metalyser Field Pro

15 Heavy Metals
Advanced Portable Analyser with integrated tablet PC and bespoke software

Rapid laboratory analysis in-field, using integrated PC
Precise results as low as 1ppb
Voltammetric Technique
Intuitive graphical software interface
Built-in wireless connectivity
Consumables for 400 tests included



HM4000 Metalyser Soils

5 Heavy Metals
Portable Analyser incorporating innovative extraction and digestion equipment

Rapid in-field analysis
Precise results to ppb levels
Voltammetric Technique
User-friendly extraction and analysis
Rugged, waterproof design
Consumables for 250 tests included



www.is the solution.com

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

Tel / Fax: +66 (0) 33673435

Direct: +66 (0) 817821028

Email: this@isthesolution.com

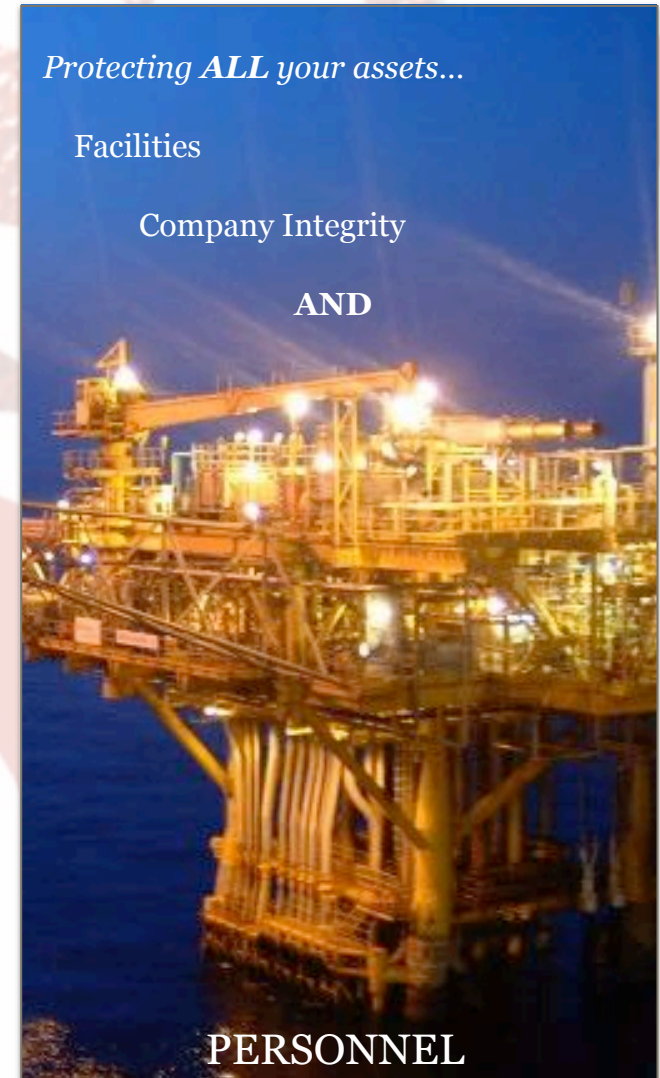
www.is the solution.com

Protecting **ALL** your assets...

Facilities

Company Integrity

AND



PERSONNEL