


# INNOVATION & EXCELLENCE IN THE OIL & GAS INDUSTRY

HUMAN RESOURCE SUPPLY SERVICES | ASSET INTEGRITY  
UHP (ULTRA-HIGH PRESSURE) BLASTING & COATING SERVICES  
CAD (COMPUTER AIDED DESIGN) SERVICES | COATING SERVICES  
RENEWABLES & SMART TECHNOLOGY | INDUSTRIAL SALES & SERVICE  
CONSULTANCY SERVICES | HEAT TREATMENT SERVICES  
TORQUING & TENSION EQUIPMENT SERVICES  
ELECTRIC HEAT TRACING & ELECTRIC HEATING SOLUTIONS

# JST

[www.jst-group.com](http://www.jst-group.com)



40 years in South East Asia, JST Group was originally founded to service the drilling sector of the oil & gas industry in Thailand.

As local industry developed and grew, JST kept pace - building a flexible organisation structure to provide locally-based and managed engineering services to support the increasing sophistication of customer requirements. In order to pursue its goals, a team of professional and highly qualified staff was brought on board to manage the core activities of the company.

A key factor in JST's success has been its policy of developing local technical skills to international standards. Consequently, JST is able to provide specialist technical services to international standards at low cost rates.

Now established as a major supplier of technical services, JST continues to go from strength to strength, with branch offices across South-East Asia providing specialist equipment and manpower services (both local and expatriate) to the oil, gas and petrochemical industries worldwide.



## **4 HUMAN RESOURCE SUPPLY SERVICES**

JST's Human Resource Consultancy & Contracting division is managed from the company's head office in Bangkok, where all HR records are maintained on a central database.

## **6 ASSET INTEGRITY**

JST provides preventative measures, inspection programmes and people combined with our engineering analysis and monitoring services to ensure your assets stay under control.

## **10 UHP (ULTRA-HIGH PRESSURE) BLASTING & COATING SERVICES**

JST's fully qualified and experienced hydroblasting operators along with our professionally maintained and certified equipment are ready to mobilize to your site or facility at short notice.

## **12 CAD (COMPUTER AIDED DESIGN) SERVICES**

JST operates a fully equipped CAD design department that provides a complete CAD design service for the oil, gas, petrochemical, power, water, civil, rail and construction industries.

## **14 COATING SERVICES**

JST Coating Services provides innovative asset corrosion protection solutions for marine infrastructure, offshore facilities, pipelines, refining, mineral processing, construction and other engineering sectors.

## **16 RENEWABLES & SMART TECHNOLOGY**

JST offers Smart Grid and Smart technology solutions helping clients progress into the future by harnessing tomorrow's power management solutions, today.

## **18 INDUSTRIAL SALES & SERVICE**

JST is a major supplier of technical products and services, providing specialist equipment and services to the oil and gas, petrochemical, and other industries across the region.

## **20 CONSULTANCY SERVICES**

JST can support clients with multi-discipline consultants to support a project's complete life cycle from project inception to decommissioning and abandonment.

## **22 HEAT TREATMENT SERVICES**

The company employs dedicated heat treatment professionals to provide a full range of heat treatment services.

## **24 TORQUING & TENSION EQUIPMENT SERVICES**

JST supplies a wide range of Torquing and Tensioning tools for purchase or rent.

## **28 ELECTRIC HEAT TRACING & ELECTRIC HEATING SOLUTIONS**

JST simplify Electric Heat Tracing solutions to fulfill your technical requirements where accurate temperature control is desired.





JST's Human Resource Consultancy & Contracting division is managed from the company's head office in Bangkok, where all HR records are maintained on a central database.

This database is linked to other JST offices in:

- Sattahip
- Songkhla
- Ho Chi Minh [Vietnam]
- Kuala Lumpur [Malaysia]
- Dhaka [Bangladesh]
- Cape Town [South Africa]



JST has the ability to:

- Quickly identify available resources, wherever they are located
- Match the available resources to the client's specific inquiry
- Mobilise the resource quickly and efficiently
- Administer all HR aspects of the individual's employment

“**PUT THE RIGHT  
PERSON ON  
THE RIGHT JOB.**”



Asset Integrity is essential where every day & operational induced destructive processes exist.

Often difficult to visually identify until deterioration is well advanced, the loss of operational integrity and resultant failures can be catastrophic.

JST provides the right preventative measures, inspection programmes and people when combined with our engineering analysis and monitoring services to ensure your assets stay under control with:

**SAFETY & RELIABILITY ASSURED  
AT THE LOWEST TOTAL COST.**



JST Places you in control. Systems, services, products & people.

- Corrosion control systems
- Protective coatings
- Risk based inspection
- Internal/external corrosion monitoring
- Targeted products
- Competent people
- NDT inspections
- IRATA Rope Access Inspections
- QAQC software solutions
- Cathodic Protection and AC Mitigation Services

“ ENSURING  
ASSET INTEGRITY  
IS FUNDAMENTAL,  
WHERE SAFETY,  
PROTECTION OF  
THE ENVIRONMENT,  
PRODUCTION AND  
LONG LIFE  
ARE ESSENTIAL. ”













JST provide hydroblasting and coating services for offshore and onshore projects.

Hydroblasting is a highly productive, safe and environmentally friendly method of surface preparation and has multiple applications.

- Surface preparation for coatings
- Corrosion removal
- Tank cleaning
- Concrete repairs / demolition
- Oil and gas field demolition
- Pipe line maintenance
- Heat exchanger cleaning
- Cold-Cutting



JST has fully qualified, experienced hydroblasting operators and professionally maintained certified equipment ready to mobilize to your site or facility at short notice.

Our extensive QAQC process allows coatings manufacturers to provide extended warranties on their products.



“**ECONOMICAL.  
EFFICIENT.  
SAFE.**”



JST operates a fully equipped CAD design department that provides a complete CAD design service for oil, gas, petrochemical, power, water, civil, rail and construction industries.

This service is staffed by professional and qualified design engineers, CAD designers and CAD draughtsmen, using the latest software (e.g. CADWorx, AutoCAD, AutoPlant, REVIT Structure, Civils 3D, MicroStation v8).

Type of work include process piping, vessels, skid packages, pig receivers, steel structures etc.

JST's CAD design service includes the following:

- 2D draughting & 3D modelling using CadWORX, AutoPlant & REVIT Structure
- P&IDs and PFDs
- General assembly drawings
- Detailed design drawings
- Piping plans
- Isometrics
- As-built drawings
- Pipe support detail drawings
- CAD redraws
- BOQs and related support materials & BIM
- Structural steel design & fabrication drawings
- Civil engineering design & RC drawings







“  
PEOPLE,  
SOFTWARE,  
PROCESSES,  
MANAGEMENT.”



JST Coating Services provides innovative asset corrosion protection solutions for marine infrastructure, offshore facilities, pipelines, refining, mineral processing, construction and other engineering sectors.

### “THE BIG 3”

- 1** We provide clients [asset owners] with life long solutions
- 2** We provide consultants with professional design advice and the correct coating system selections
- 3** We provide installation contractors with installation training, inspection procedure and project management support [turnkey services available]

JST Coating Division's core services:

- GUARDIAN™ BITUWRAP: pipeline, tank, RC pipe, concrete culverts and road tape.
- GUARDIAN™ PETROLATUM: pipeline, fittings and appurtenances
- GUARDIAN™ SPLASH-ZONE: marine pile splash-zone protection systems [timber, concrete and steel piles]
- HCL™ clamping solutions: innovative clamping solutions for highly corrosive environments [marine, downhole completions, pipelines]
- Visco elastic coating systems [pipelines, offshore]
- Heat shrink sleeves coating systems [pipeline construction]
- Flexible UHB epoxy/hybrid coatings
- PTFE chemical and corrosion resistant coatings for components [fasteners, sealing rings, machine parts, pipeline/offshore fittings]

“ IF WHAT WE THINK DETERMINES WHAT WE BELIEVE... AND WHAT WE BELIEVE DETERMINES HOW WE BEHAVE... AND HOW WE BEHAVE DETERMINES THE RESULTS WE GET... IF WE ARE NOT GETTING THE RESULTS WE WANT... WE HAVE TO START THINKING DIFFERENTLY! ”







JST's technology partnership with CyanConnode (UK) offers Smart Electricity Metering, Lighting, Gas and Water Metering solutions to both private and national grid upgrades to support efforts to create cost-effective smart metering ecosystems that yield significant benefits for energy providers, consumers and the environment.

Subsequently, JST can now offer:

- Smart grid technology
- Efficient smart lighting solutions
- Smart metering solutions
- Interoperability - Energy Billing Systems

JST also provides installation, maintenance and monitoring services to renewable energy markets including:

- Wind Power
- Solar
- Infrastructure upgrades



“MEETING  
TOMORROW'S  
CHALLENGES,  
TODAY.”





As a major supplier of technical products & services, providing specialist equipment and services to the oil & gas, petrochemical, and other industries across the region, JST provides:

- Engineered industrial pipe hangers and supports
- Offshore floating and submarine oil and gas transfer hoses
- Solid-liquid and liquid-liquid hydro-cyclone separators
- Positive displacement pumps for water injection and oil transfer
- Mechanical key controlled valve interlocks and portable actuators
- Pressure, temperature and liquid level control valves
- Wellhead control panels and fusible plug loop control panels
- Chemical injection skids and fluid sampling cylinder products and services
- Well abandonment solutions

**For a full list of our products and partners please visit our website.**

“ **OVER 40 YEARS' EXPERIENCE REPRESENTING TOP TIER INDUSTRIAL PLANT AND EQUIPMENT MANUFACTURERS TO THE OIL & GAS, PETROCHEMICAL AND POWER GENERATION INDUSTRIES.** ”





At JST, we believe knowledge is our strongest asset and this collective wisdom is enhanced with each new addition and development.

For over 35 years, we have been amassing data, developing tools and accumulating knowledge. Our history and our experience have given us a deeper understanding of how to help our clients progress through the gates from when they identify a new field to the time they abandon.

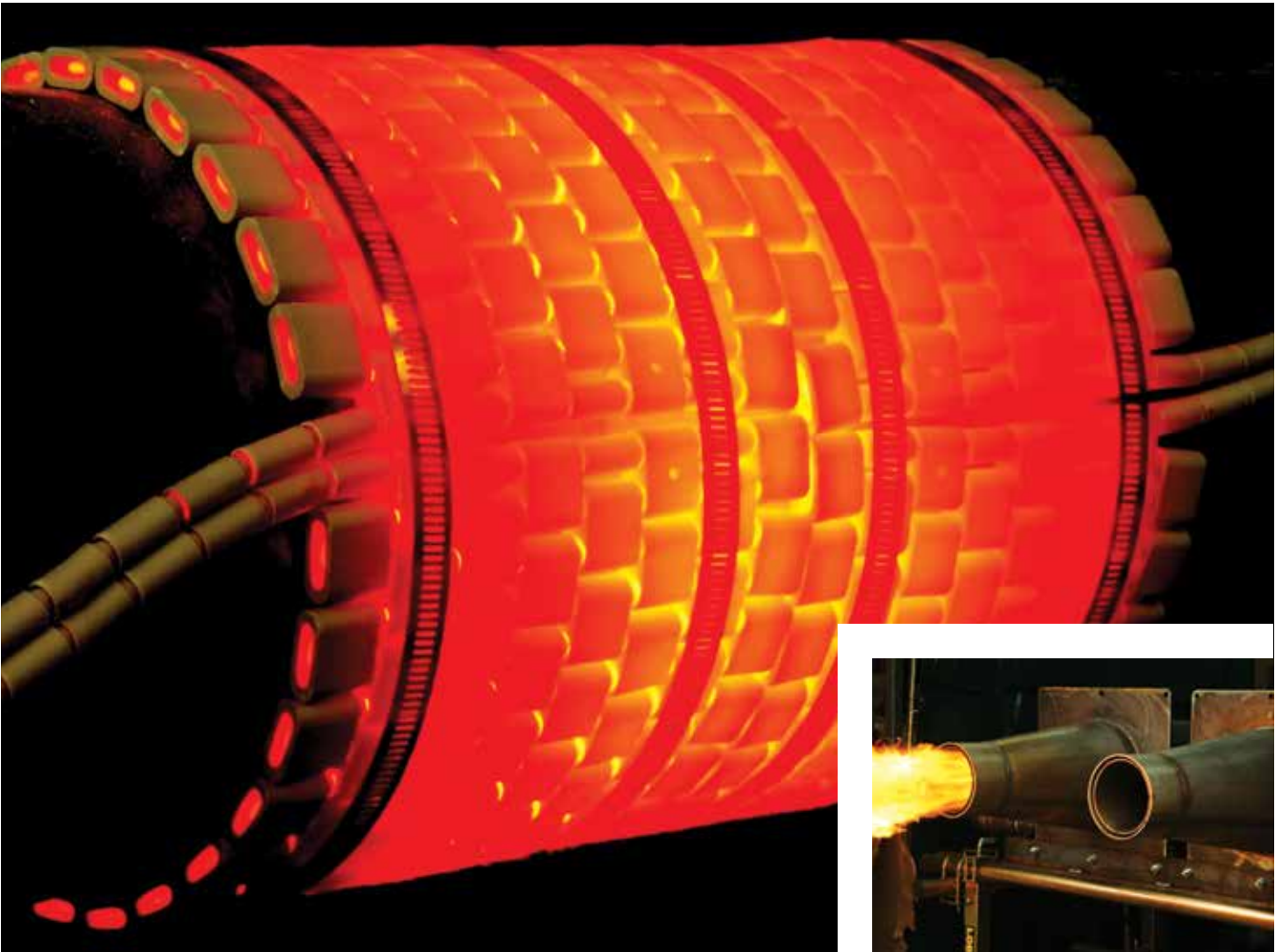
- 1000+ Employees
- 35 years of operation
- Strong presence in South East Asia
- Rapid deployment for urgent requirements



Our main area of expertise is in supplying a full range of disciplines within client operations teams, covering:

- Drilling QAQC
- Operations support
- Engineering support
- Plant maintenance
- Failure investigation
- Technical assurance
- Asset integrity
- Green / Brown Field Project Development
- Maintenance Services
- Well Inventory Management Services

“**DELIVERING  
POSITIVE  
CHANGE.**”



JST Heat Treatment Company Limited is an affiliate company of the JST Group and operates as the exclusive licensee of Stork/Cooperheat [UK] Ltd.

The company employs dedicated heat treatment professionals to provide the following range of heat treatment services:

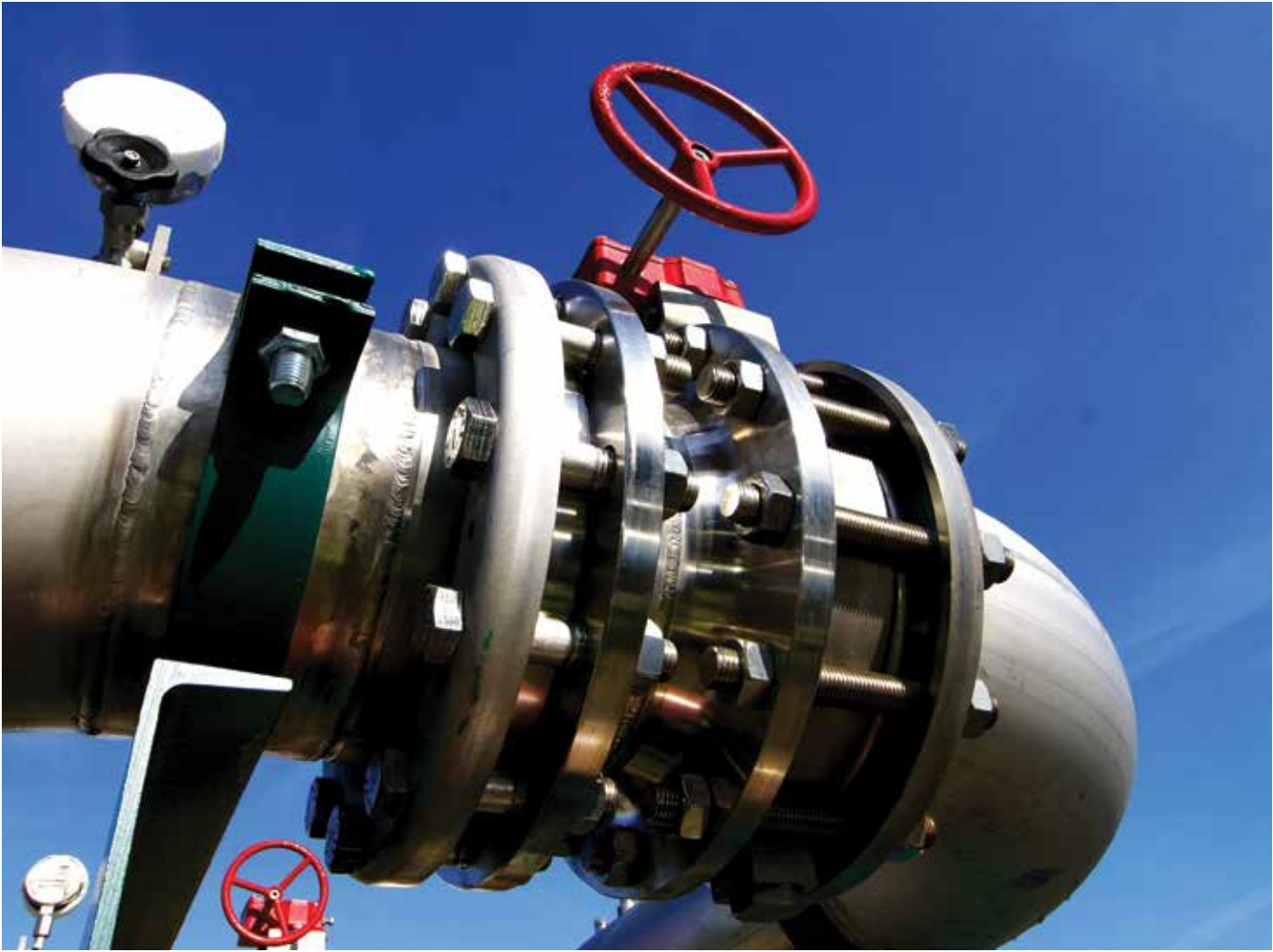
- On-site pre-heat and post weld heat treatment of piping, pressure vessels, tanks, structures, etc. [localised furnace, electrical and gas firing]
- In-house localised and furnace heat treatment
- On-site refractory curing/dry out
- Brinell hardness testing services
- Consultancy and supervisory services



In addition the company can provide the following range of heat treatment supplies:

- Heat treatment equipment, accessories and consumables
- High velocity gas burners
- Laboratory/industrial furnaces and ovens
- Trace heating systems

“**PROFESSIONAL  
PERSONNEL, BEST  
IN CLASS EQUIPMENT,  
ENGINEERED  
PROCEDURES.**”







JST supplies a wide range of torquing and tensioning tools for purchase or rent. All tools come with warranties and services agreements. We also supply qualified technicians to perform these services [[www.bolt-torq.com](http://www.bolt-torq.com)].

Equipment:

- Square drive tool
- Low profile tool
- Tensioning tool
- Hydraulic power pack

Services/industries:

- Power co-generation
- Wind turbine
- Petrochemical
- Ship building
- Maintenance



“ ALL YOUR  
TORQUING AND  
TENSIONING  
REQUIREMENTS UNDER  
ONE ROOF. ”











At JST we are simplifying electric heat tracing solutions to fulfill your technical requirements where accurate temperature control is desired.

Typical applications are:

- Process temperature maintenance
- Process temperature heating up
- Fluid degradation prevention

JST also offer a range of electric heaters used in the following processes:

- Continuous Catalyst Regeneration (CCR)
- TEG/MEG/DEG process
- Fuel gas heating

Additional services include:

- Supply of distribution and control panels
- Engineering design
- Installation work
- Commissioning
- Training



“SIMPLIFYING  
COMPLEX  
REQUIREMENTS  
WITH INNOVATIVE  
SOLUTIONS.”



CAPE TOWN

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## OFFSHORE SUPPORT [NAKHON SI THAMMARAT]

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