## ERA OILFIELD SERVICE (THAILAND) CO LTD - DRILL STEM COMPONENTS

ERA Oilfield Service (Thailand) Co Ltd are a privately owned provider of oilfield and mineral drilling, completion, production, intervention and well construction product lines and services formed in Thailand in 2013.

ERA have satisfied clients across SE Asia, MENA, Africa and South America. ERA provide high quality API drill stem components sales, service, installation and training support.

ERA provide a full range drill pipe, drill collars, non-magnetic collars, HWDP, pups and ponies, stabilisers, hole openers, roller reamers and more, manufactured under API licence and ISO process certification to the highest required standards. With an 10+ year relationship with TIANHA HUIFENG, one of the largest manufacturers in the world, we are able to provide technical and commercial benefits to all of our clients.

#### DRILL PIPE, HWDP AND TOOL JOINTS

We provide a full range of jointed drill pipe across all metallurgies, connections, hard-banding options across sizes 2 3/8 – 6 5/8" OD. Manufactured under strict QAQC regimen to API licensed standards. Options also include lined pipe designs aimed to reduce corrosion and enhance asset life expectancy.

HWDP is available in slick, spiral and non-magnetic options.

#### DRILL COLLARS (NON MAG / SPIRALS / SLICK / HARD BANDING)

The range of drill collars are NS-1 compliant and manufactured from 4145 H modified quenched and tempered steel. With a hardness range of 285 – 341 BHN and a Charpy Impact Value of 40ftlbs, the threads are phosphate coated and thread roots cold rolled on API and H90 connections.

Special features include: Spiral collars, Stress Relief Grooves, Bore Back Box, Hard Banding Options, Slip and Elevator Recess, Non-Magnetic Collars, Flex Non-Mag Options

#### STABILISERS (INTEGRAL / NON ROTATING / REPLACEABLE SLEEVE)

The TIANHE range of near bit and string stabilisers are offered as integral (straight and spiral), non-rotating and replaceable sleeve options – each with its own distinct applications and benefits according to downhole conditions. Design options include straight and spiral bladed stabilisers with Non Magnetic solutions also available. Hard Facing options are also available and we can recommend the best Hard Facing solution to suit your downhole application and formation type.

#### LARGE OD TOOLS (HOLE OPENERS / ROLLER REAMERS ETC)

The TIANHE range of large OD tools is recognised for reliability. This range includes hole openers, roller reamers, key seat wipers for casing exits and more. All manufactured to API specifications.

#### SUBS AND VALVES

A full range of subs and valves are available including bent subs, circulating subs, wear subs, FOSV, DISV, Kelly Valves, IBOP, Float Valve Subs, Bypass Valves, Back Pressure Valves etc. All designed and constructed to API specifications.

#### DRILLING JARS (HYDRAULIC / MECHANICAL / DOUBLE ACTING)

Adjustable jarring forces and directions are key features of the TIANHE range of drilling jars. Solutions are available in both hydraulic and mechanical designs with all designed for ease of use in field operations, and the efficient & effective transmission of jarring forces.

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# ERA OILFIELD SERVICES DRILL STEM COMPONENTS

# Drill Stem Components better **by design**

# ERA at work for your drilling project

### CONNECTING OUR CUSTOMERS TO BEST-IN-CLASS SOLUTIONS

- TIANHE branded products
- API / NS-1 / ISO
- API Licensed
- Hard Banding Options
- Hard Facing Options
- TRS Project design
- Cost effective solutions
- Proven worldwide by major drilling contractors

**ERA** solutions for

Finding the right DRILLING TOOLS supplier and products, when you need them, at a price that meets your budget and performs to API requirements with the knowledge of full support and service can be difficult.

We know the concerns you will face in the DRILLING TOOLS discipline and we provide the best value in the market, with the best personalized support to make your project work operationally and with your bottom line.

## ERA DRILLING TOOLS SOLUTIONS

- DRILL PIPE + TOOL JOINTS
- HWDP SLICKS AND SPIRALS •
- DRILL COLLARS SLICK AND SPIRAL •
- NON MAGNETIC TOOLING •
- DRILLING JARS HYDRAULIC + MECHANICAL •
- SAFETY VALVES
- SUBS AND CROSS OVERS
- STABILISERS VARIED DESIGN OPTIONS •
- LARGE OD DRILLING TOOLS

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### DRILL PIPE + TOOL JOINTS

- API DRILL PIPE 2 3/8 6 5/8"
- HWDP SLICK AND SPIRAL

### DRILL COLLARS

- API / NS-1 ALL SIZES
- SLICK AND SPIRAL OPTIONS
- STRESS RELIEF / BORE BACK OPTIONS
- COLD ROLLED & PHOSPHATED THREADS
- HARD BANDING OPTIONS .
- HARDNESS 285 341 BHN

### NON-MAGNETIC TOOLS

- HWDP
- DRILL COLLARS
- STABILISERS

#### **DRILLING JARS**

- HYDRAULIC AND MECHANICAL
- FIELD ADJUSTABLE SETTINGS
- DOUBLE ACTING TOOLS •

#### SAFTEY VALVES

FOSV

your needs TECHNOLOGY, PRODUCT AND SUPPORT A TOTAL END TO END SOLUTION.

- IBOP
- ARROW TYPE BACK PRESSURE VALVES
- BYPASS VALVES
- FLOAT VALVES AND SUBS
- DROP IN CHECK VALVES •
- KELLY VALVES

#### SUBS AND CROSS OVERS

- CIRCULATING SUBS / WATERBUSHINGS
- WEAR SUBS
- ORIENTED BENT SUBS
- ROTARY SUBS AND CROSSOVERS

### LARGE OD DRILLING TOOLS

- FIXED OD HOLE OPENERS
- ROLLER REAMERS
- KEY SEAT WIPERS

#### STABILISERS

- INTEGRAL, NON-ROTATING, REPLACEABLE SLEEVE TYPES
- NON-MAGNETIC OPTIONS
- HARD FACING OPTIONS •
- NEAR BIT AND STRING OPTIONS

- HARD BANDING OPTIONS

- LINED ID OPTIONS



**API SOLUTIONS** DRILL PIPE HWDP DRILL COLLARS NON-MAG TOOLS DRILLING JARS STABILISERS SAFETY VALVES SUBS AND CROSSOVERS LARGE OD TOOLS



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