# ERA OILFIELD SERVICE (THAILAND) CO LTD - ESP SYSTEMS, HARDWARE, CABLES AND ACCESSORIES

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 ESP cable and associated accessory sales, service, installation and engineering support.

ERA provide a full range cable and accessory solutions manufactured to the highest international standards, API licence and ISO process certification.

With long term partnerships from some of the worlds largest manufacturers we are able to provide technical and commercial benefits to all of our clients.

With our direct factory relationships across a network of suppliers we are in a central position to provide you, our client, with expertise in advising and supplying your equipment and project needs.

#### ESP CABLE

Round or flat cable, high temperature ratings (upto 205C), high voltage (upto 6KV), AWG (#1-#8) and cable cross sections upto 42mm, Armouring capabilities include lead, galvanised steel, stainless steel, Monel as per client requirements. ERA ensure your ESP cable requirements for even the harshest of downhole conditions are met. Our direct factory relationships ensure our access during the production and quality approval process to ensure 100% compliance throughout the testing process to ensure our clients receive the best product solutions.

# **ESP SYSTEM HARDWARE**

Pumps, Motors, Protectors, Gas Separators, Intakes, Control Panels, Transformers, VFD's.

All supplied in partnership with our product line principal to meet your project design needs. Project and engineering performance assessment and system design are all available in conjunction with our principal manufacturer.

# MLE / POTHEADS AND CONNECTORS

Motor lead extensions are available in round or flat specifications with lead, stainless steel, galvanised steel and Monel armouring. Pothead connectors come as Tape-In or Plug-In options, meeting GB/T16750, IEEE 1018, API RP 11 S6, with temperature ratings as high as 260C.

Surface feedthrough connectors at wellhead are available in standard and client specific design requirements.

# CAST CABLE CLAMPS

Heavy duty cast ESP cable clamps incorporate heavy duty M8 hex head fasteners to ensure secure fastening and attachment.

Tested to exceed the toughest stripping force requirements the range of clamps can be manufactured specifically to client requirements for tubular ID, cable size and type, TEC, injection and control lines of various dimensions. Available in cross coupling and mid-joint clamp types.

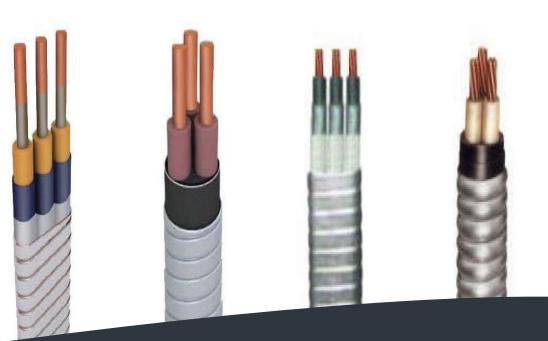
# STAMPED CABLE CLAMPS

Stamped cable clamps are designed with a wedgelock style fastening mechanism and available in cross coupling and mid-joint designs. The stamped cable clamps are highly suitable in tight tubular ID clearance applications. Triple convex gripping pad profile creates excellent grip on tubing with the dimpled wedgelock pin creating a secure finished product. Available in multi-cable and multi-control line designs.

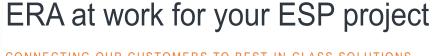
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ESP CABLE AND ACCESSORIES better by design







ESP Clamps

MLE / Potheads / Connectors

Full system hardware

IEEE 1018 / API RP 11 6S / GB/T 16750

Tubing Encapsulated Cable (TEC)

Control Line

ESP Project design

Cost effective

Finding the right ESP PRODUCT LINE supplier when you need them, at a price that meets your budget and performs to international and API standards is difficult.

We know the issues you will face in the ESP discipline and we provide the best value in the market, with the best personalized support with attention to QAQC procedural compliance uppermost in all we do. Choose ERA to make your project work operationally and with your bottom line.



your needs Technology, product and support a total end to end solution.



ROUND ESP CABLE

FLAT ESP CABLE

MLE / POTHEADS

FEEDTHROUGH CONNECTORS

INTERNATIONAL STANDARDS COMPLIANCE

ESP CLAMPS

ESP SYSTEMS HARDWARE

ESP SURFACE HARDWARE

TEC (ENCAPSULATED CABLE)

STRICT ISO QAQC COMPLIANCE

QAQC AND LOGISTICS MANAGEMENT



# ERA solutions for your need

# ESP CABLE

Round or flat cable

AWG #1 - #8

• High Temp and High Voltage Solutions

Armor options

# MLE / POTHEADS / CONNECTORS

Armor options

Tape In or Plug In Connectors

 Connectors rated to 260C and harsh environments

• IEEE 1018 / API RP 11 6S / GB/T 16750

# **ESP SYSTEMS HARDWARE**

- Pumps
- Motors
- Protectors
- Intakes
- Separators

# SURFACE HARDWARE

- VFD
- Transformers
- Control Panels and monitors

# **CLAMPS**

- Cast and Stamped
- High load capability
- Multi cable, TEC and control line designs

# TUBING ENCAPSULATED CABLE

- Tube OD: 1/8" / 1/4" / 1/2" / 3/4" / 5/8"
- Tube Material: 316L / 400 / 625 / 825 Alloy
- Wall Thickness: 0.028" / 0.035" / 0.049" / 0.065" / 0.083"
- International distribution
- High production capacity

# PROJECT ENGINEERING AND DESIGN

- Take project from concept to execution
- Experienced engineering team
- Concept, design, engineer, manufacture, deliver, install, commission, support

# QAQC AND LOGISTICS SUPPORT

- ERA direct factory access
- QAQC and procedural verification
- 3<sup>rd</sup> party independent verification
- Continuous client reporting
- Global logistics and delivery service



CUSTOM SOLUTIONS
ESP CABLE
MLE / POTHEADS
FEEDTHROUGH
CONNECTORS
ESP CLAMPS
ESP SYSTEMS
ESP SURFACE
HARDWARE
TEC
PROJECT DESIGN



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