

# MECHANICAL COMPLETION AND COMMISSIONING



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**Global expertise from your  
local partner.**



## Mechanical Completion

It is a process to deliver completed system to Commissioning for functional test. It has duty to collect all inspections and pack them to prove to Commissioning that construction is completed as per engineering and design.

## Commissioning

It is a process of testing the system, certifying that functionality are in accordance with Final User's expectation. Commissioning will then deliver the system to Final user.

**SITEK Caspian** successfully completed several projects delivering to commissioning full-clean package of inspections, focusing on planning and coordination with construction to deliver within schedules for the benefit of the Project



## EWRP Project

Location: Atyrau, Kazakhstan

Client: ISKER

Final Client: NCOC

Duration: 2016 – 2017

Scope:

- E&I installation
- Mechanical Completion
- Pre-commissioning
- Commissioning assistance

EWRP is part of Karabatan Plant, for the treatment and disposal of Sulphur material.

SITEK has been awarded by ISKER for the E&I installation, mechanical completion, pre-commissioning and commissioning assistance.

SITEK provided engineering support for E&I discipline with coordination between project design and package vendor design, procurement, logistic and post order expediting for construction and bulk material that was required to complete the activities.

SITEK provided also the completion including all QC inspection, pre-commissioning and assistance to commissioning.

The installation and QC completions works included survey works, site engineering, supervision and management of the following systems:

- Instrument calibration
- Tubing installation
- Electrical, instrument and control works including rack and tray, cable termination works
- Fire and gas detection and ESD systems
- Navigation systems
- PAGA system



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# Jack Up Drilling Rig Project

Location: Kuryk, Kazakhstan

Client: ERSAI

Final Client: KMG Drilling & Services

Duration: 2013 – 2015

Scope:

- E&I installation
- Pre-commissioning
- Commissioning assistance

JUDR (Jack Up Drilling Rig) is a drilling rig fabricated in ERSAI Yard, Mangistau Region, Kazakhstan.

SITEK has been awarded by ERSAI to provide E&I installation, pre-commissioning and commissioning assistance.

SITEK provided completion including all QC inspection, pre-commissioning and assistance to commissioning.

The installation and QC completions works included survey works, site engineering, supervision and management of the following systems:

- Instrument calibration
- Tubing installation
- Electrical, instrument and control works including rack and tray, cable termination works
- Fire and gas detection and ESD systems
- Navigation systems
- Drilling systems
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***Advanced solutions from skilled engineers.  
We work Onshore as well as Offshore.***

***Lower your costs with SITEK.  
We provide the best quality services on local market.***

## ZHAMBYL Barge

Location: Kuryk, Kazakhstan  
Client: ERSAI  
Final Client: DSME  
Duration: 2011 – 2012  
Scope:

- E&I installation
- Pre-commissioning
- Commissioning assistance



Zhambyl is the first drilling barge entirely fabricated in Kazakhstan.

SITEK has been awarded by ERSAI to provide Electrical and Instrumentation services.

SITEK provided completion including all QC inspection, pre-commissioning and assistance to commissioning.

The installation and QC completions works included survey works, site engineering, supervision and management of the following systems:

- Instrument calibration
- Tubing installation
- Electrical, instrument and control works including rack and tray, cable termination works
- Fire and gas detection and ESD systems
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***SITEK Caspian provides complex EPC works with the highest quality on local market. Save your time and money with SITEK Caspian.***

Contact us for more information. Our specialists will provide you any support.

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