

# DESALTER & DEHYDRATOR

## INTRODUCTION

SINACO works with our partner who engages in development, designing, manufacturing, installation, commissioning and service of technical equipment of high voltage electrostatic oil-water separation in China. Our partner has more than 30 years of experience on the research of electric desalting and dehydrating technology for crude oil in refinery and oil-water separation technology in oilfield. Today their products are exported to Singapore, Jordan, Russia, Algeria, Sudan, Iraq, Brazil, Chad, Iran and Kazakhstan.

Our partner is ISO certified and possessed the Class 1, Class 2 and Class 3 pressure vessel designing and manufacturing certificates; ASME U and U2 pressure vessel design and manufacturing qualifications.

## PRODUCT & SPECIFICATION



### ELECTRIC DESALTING SKID

- Small tank, low power, high dehydration rate
- Salt content in crude oil is <10ptb
- Water content in crude oil after dehydration is <0.2%
- Oil content in drainage is <150ppm
- Operation power consumption is <0.18kwh/t crude oil



### ELECTRIC DEHYDRATOR SKID

- Small tank, low power, high dehydration rate
- Water content in crude oil after dehydration is <0.5%
- Oil content in electric dehydrator drainage is <1000ppm
- Operation power consumption is <0.18kwh/t crude oil



### TEST SEPARATOR SKID

- Compact, high separation efficiency, automatic control
- 100% remove droplet >150µm in gas
- Water content in oil is <30%
- Oil content in water is <1500ppm



### PRODUCTION SEPARATOR SKID

- Compact, high separation efficiency, automatic control
- 100% remove droplet >150µm in gas
- Water content in oil is <30%
- Oil content in water is <1500ppm

## TECHNICAL SUPPORT

We provide professional & prompt technical services from our competent and well-trained specialist.

- On-site Installation or Installation Supervision Service
- Periodic Maintenance and Parts Replacement Services
- Electric Desalting System Operation Optimization Service
- Equipment Operating Cycle Monitoring Services

