



## Section 13 - Xmas Trees & Wellheads - Sales Item

13011110

**Offshore Wellhead Control Panel for 5 Wells (Modules for 3 Wells plus 2 Future) by Weatherford – Brand New and Unused – with Manufacturers Warranty. Preserved by Manufacturer and Available for Immediate Delivery – Fully Documented.**

### **DETAIL AS FOLLOWS:**

#### **Brief Description**

A recently manufactured, unused fully tested and RINA and BV inspectors certified well head control consists of HPU ( hydraulic power unit which includes oil tank 270 LT , two electrical driven pumps , two hand pumps and Three well control modules ( one operated with 500 Bar pressure and two with 335 Bar )

Two slots used for future wells

The panel supply also 14 ESD valves with pressure 170 Bar and fusible loop circuit with 6 bar pressure

The panel equipped with all control devices , electronic transmitters , solenoid valves ETC which required to interface to any ICSS/DCS/ESD system according to cause and effect chart .

The factory acceptance test was successfully completed by April 2010 and witnessed by company and inspector representative ( RINA and BV ) and issued the required certificates .

The panel was preserved and packed according to approved procedure .

The panel under . Manufacturer's warranty valid until December 2011

All the hard and softcopy for the panels are available

#### **WHCP Supplier**

WHCP Manufacturer: E-Production solution UAE

Year of Manufacture: April 2010, FAT and RINA Certificate Approved

Model No. Hydraulic / electrical well head control panel

Current Storage company store- Egypt

As Built Doc Package Available from July 2010



## **Basic WHCP Data**

Design Code/Specs:

Total number of wells 5

*Number of equipped modules 3*

*Future slots for additional modules 2*

Pumps

Electrical driven pumps ( 380VAC – 50 HZ) 2

Manual Hand pump 2

( For SSSV,WV,MV)

Max. Working pressure

- For Two SSSV 500 bar ( for one well + one future)
- For Three SSSV 335 bar ( for two wells + one futre)
- For ESD valves ( 14 Nos ) 170 Bar
- For fusible plugs loop 6 Bar

Main oil tank capacity 270 litres

SSSV return Tank 10 litres

Pressure, Level electronic transmitters Total ( 16)n Yokogawa smart transmitters

Interface junction Boxes to ( ICSS/ electrical ) Total 6 EExe – 316 SS

Accumulator Two Accumulator 50 litres each

Max. Design Ambient Temp. 35 deg C

Min Ambient Design Temp 5 deg C

WHCP Weight 2.49 Ton

Dimensions L x W x H ( 4 x1.3x2.2 MT)

## **Packing, Preservation and Storage Procedure**

Packing, Preservation and Storage will be in accordance with the manufacturer's procedure no. 2383027-N1-P1.

The WHCP components prior to leaving the eProduction factory will be prepared for long term storage for up to 24 months.

Special attention and additional protection will be given to critical components.

Long term storage for the WHCP once delivered to EGYPT will be in a controlled warehouse environment under cover indoors.

During the storage period the following checks will be made:

- Check that no humidity has condensed inside electrical components, and dry if deemed required.
- Check packages and covers are not damaged, repair if necessary.

eProduction will be required during the final commissioning and start up to perform the site acceptance test (SAT ) and per the approved procedure .



Notes:

- Full package of Original Manufacturers' Data available.
- Stored and Preserved
- All items remain available Subject to Prior sale
- Price upon request from Owners