# Unit no. NP-30

IKM Testing AS

## NITROGEN PUMP

### *Dimensions*

Length(mm).....: 5200 Width(mm).....: 2438 Height(mm).....: 2570
Weight (kg).....: 14900
Lifting/ Transportation.....: 17' Container with forklift channels and lifting slings. DNV 2.7-1. BS EN 12079

### *Construction year*

Built.....: 2010

### *Area of use / certification*

Onshore/offshore.....: Offshore
Standard.....: Eexde IIA T3 Sone 2 ATEX, 80dBa

### *Flow / Pressure / Volume*

Q max (SCF/H).....: 180000
P-max (bar).....: 690

### *Connections*

Inlet connection.....: 1 ea. Acme 150
Outlet connection.....: 1 ea. 2" Weco Fig. 1502 female / 1" NPTF

### *Pump / Engine*

Triplex pump.....: Hydrarig NP200 1,3" x 1,625"
Boost pump.....: Hydrarig 1,5 x 2,5 x 6
Cold-ends.....: Hydrarig 1,625"
Vaporizer.....: Hydrarig Pot SN.6851
Motor.....: Detroit series 60 serial 500 Hk, maks. 2100 rpm. IIA T3 Sone II Atex
Motor (serial no.).....: 06R1014711
Filter LIN suction side.....: Washable strainer
Fire /Gas central.....: 24V DC JCE EEx d IIB T6
Signal to platform at.....: Fire alarm, gas alarm, fault on gas/fire detectors
Air/Diesel shut down at.....: - Over racing of motor.
- High temperature on exhaust.
- High temperature on cooling liquid.
- Low oil pressure on motor.
- Low air pressure.
- Fire alarm.
- Shutdown and alarm at 10% LEL gas (CH4)
- Emergency shut-down.
- Emergency shut-down from control room.
- Overpressure nitrogen.

### *Power supply*

Fuse (qty).....: 1 Fuse (A)....: 16
El.Power1.....: 230 V 1 phase (Hz).....: 50/60 (kW).....: (A).....:
(Utility)

### *Flow / Pressure / Volume*

Diesel Tank Volume (ltr).....: 550
Diesel consumption (ltr/hr).....: 100

### *Additional information*

Equipment / Functions.....: - Swordsman foam deluge
- OPS connection.