Unit no. NP-14

IKM Testing AS

NITROGEN PUMP

Dimensions

Length(mm).....: 6058 Width(mm).....: 2438 Height(mm).....: 2591
Weight (kg).....: 20000
Lifting/ Transportation.....: 20' Container with forklift channels and lifting slings. DNV 2.7-1
Certificate(s) / Serial No:.....: NP-14

Construction year

Built.....: 2006

Area of use / certification

Onshore/offshore.....: Offshore
Standard.....: ATEX II3G Eex de [ia] IIC T3, Z-015, Zone II, 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.....: CS&P Cryogenics ICPE-200
Triplex pump Serial no.....: PMP 001074
Boost pump.....: CS&P Cryogenics 1,5x2,5x6
Cold-ends.....: 1 5/8" ICPE-200
Vaporizer.....: CS&P Pot Vaporizer 180K SCFH
Motor.....: Volvo 165A 530HK v/1800 rpm
Motor (serial no.).....: 160053763
Filter LIN suction side.....: 1 ½" – 100 Mesh washable strainer
Fire /Gas central.....: Trade Tech GHG 6645
Signal to platform at.....: Fire and gas alarm
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.
- Gas alarm.
- 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).....: 770
Diesel consumption (ltr/hr).....: 110

IKM Testing AS

Additional information

Equipment / Functions.....: - Fixed fire extinguiser PEFS Foam.
- Fire extinguisher 12kg.
- OPS connection.