Unit no. NP-35

IKM Testing AS

NITROGEN PUMP

Dimensions

Length(mm).....: 4000 Width(mm).....: 2200 Height(mm).....: 2588
Weight (kg).....: 9000
Lifting/ Transportation.....: Frame with forklift pockets and lifting slings. DNV 2.7-1. BS EN 12079
Certificate(s) / Serial No:.....: DNV/SPR20090123, Rev.0 / 31501

Construction year

Built.....: 2010

Area of use / certification

Onshore/offshore.....: Offshore
Standard.....: Ex d e IIA T3 Zone 2, NPDZXA, 80dBa

Flow / Pressure / Volume

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

Connections

Inlet connection.....: 1 ea. 2" Male
Outlet connection.....: 1 ea. 2" Weco Fig. 1502 female

Pump / Engine

Triplex pump.....: CS & P, Reciprocating Pump, Type: ICP-200
Triplex pump Serial no.....: 727-05650
Boost pump.....: CS & P, Model: 901-00038
Cold-ends.....: ACD Triplex 1,625"
Vaporizer.....: Cryogenic and Industrial Spares Ltd, Sr. No.: 2034, Working Pressure : 10,000 PSI
Motor.....: Detroit Diesel Model: 8V92TA, 500 HP at 2,100 rpm. IIA T3 Zone II with Pyroban system.
Motor (serial no.).....: 08VF-143179
Filter LIN suction side.....: Washable strainer
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.

Flow / Pressure / Volume

Diesel Tank Volume (ltr).....: 568

Additional information

Equipment / Functions.....: - Air Start