

Unit no. SU-46



IKM
Testing AS



STEAM UNIT

Dimensions

Length(mm).....: 6058 Width(mm).....: 2438 Height(mm).....: 2850
Weight (kg).....: 15100
Lifting/ Transportation.....: 20' Offshore container with forklift channels and lifting slings. DNV 2.7-1
Certificate(s) / Serial No:.....: ATC 06-141 / 2007025

Construction year

Built.....: 2007

Area of use / certification

Onshore/offshore.....: Offshore
Z-015 (type).....: U05
Standard.....: Norsok Z-015, Zone 2, (80 dBa)

Flow / Pressure / Volume

Boiler.....: PH 27 12 bar (Ser. nr. 19790)
Spark Arrestor.....: SPARK ARRESTOR:
DNV certified. (Ref. cert./Ser. no. : SU-46b)
Dimension : L 1560mm W 600mm H 840mm. Weight : 560 kg
Lifting/Transport : Lifting lugs and lifting sling

FAN BOX:
Dimension : L 1380 mm W 1400 mm H 820 mm. Weight : 200 KG
Lifting/Transport : Non approved lifting
Ref. cert./Ser. no. : SU-46c
Maximum Effect (kW).....: 1800
Max. steam production (kg/hr).....: 2700
P-max (bar).....: 12 P-max (PSI).....: 175
Max Steam temperature (Gr.C).....: 193
Diesel Tank Volume (ltr).....: 800
Diesel consumption (ltr/hr).....: 300

Connections

Inlet connection.....: Water: 1" Offshore clawcoupling (connected to 1 1/4" 150# RF)
Diesel: 1" Camlock
Air: 1" Offshore claw coupling

Outlet connection.....: Steam: 2" Steam coupling Boss Spud
Condensate: 1" 150# RF
Drain heater 1" camlock
Depressurizing steam: 2" Steam coupling Boss Spud

Power supply

Fuse (qty).....: 1 Fuse (A).....: 63
El.Power1.....: 400-690 V (main) (Hz).....: 50/60 (kW).....: (A).....: 63 "slow"
El.Power2.....: 230 V (Utility) (Hz).....: 50/60 (kW).....:

Additional information

Equipment / Functions.....: Instrument air supply: 500 ltr/h, 4-6 bar

Ignition source connection and pressure relief steam if:

- Fire alarm
- Gas alarm.
- Emergency shut-down on the outside of the container
- Emergency shut-down on motor starter cabinet
- Loss of overpressure
- Emergency shut-down from control room

Other safety functions :

- Flame detector on burner.
- Feed water guard
- Safety valve
- Pressure guard / pressure controller
- Steam thermostat