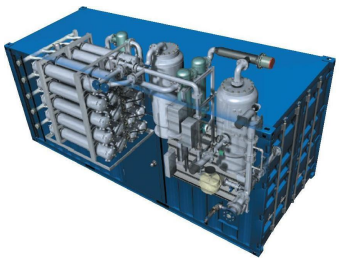
Unit no. NG-01

IKM Testing AS



NITROGEN GENERATOR

Dimensions

Length(mm).....	6000	Width(mm).....	2400	Height(mm).....	2600
Weight (kg).....	8843				
Lifting/ Transportation.....	20" ISO container Frame with forklift channels				
Certificate(s) / Serial No:.....	1037325, MM065026				

Construction year

Built..... 2007

Area of use / certification

Onshore/offshore..... Onshore

Type

Fabricator..... Generon IGS - NPU 7200 HF

Technical Specifications

Details.....
N2 Outputs @95 % N2+inerts : 2300Nm3/h@ 13 Barg
N2 Purity : 95%
Design Production Capacity : 87400 SCHF (2300Nm3/h)
Design pressure : 174 PSIG (12 Barg)
Design Air Temperature : 50°C (122°F)
Design Humidity : 90 %
Design Ambient Temperature : 25°C (77°F)
Operating Air Temperature : -6°C to 54°C (20°F to 130°F)
Operating Relative Humidity : 90 %
Operating Pressure : 170 to 200 PSIG (11,7 to 13,7 Barg)
Production Capacity : 2300Nm3/h@ 13 Barg
Composition Oxygen : 5 %
Composition Carbon Dioxide : <10 ppm
Composition Water : <10 ppm
Composition Dew Point : -56°C (-70°F)
Feed Air Required Flow : 180130 SCHF (4675 Nm3/h)
Feed Air Required Pressure : 174 PSIG (12 Barg)

Connections

Inlet connection.....	4" 150# RF
Outlet connection.....	3" 150# RF
Air connection.....	Ventilation: 3" 150# RF

Power supply

Fuse (qty).....				Fuse (A).....	80
El.Power1.....	400 VAC	(Hz).....	50-60	(kW).....	
El.Power2.....	440 VAC	(Hz).....	50-60	(kW).....	
El.Power3.....	480 VAC	(Hz).....	50-60	(kW).....	

Additional information

Equipment / Functions..... For use: Outdoor, Marine Environment