

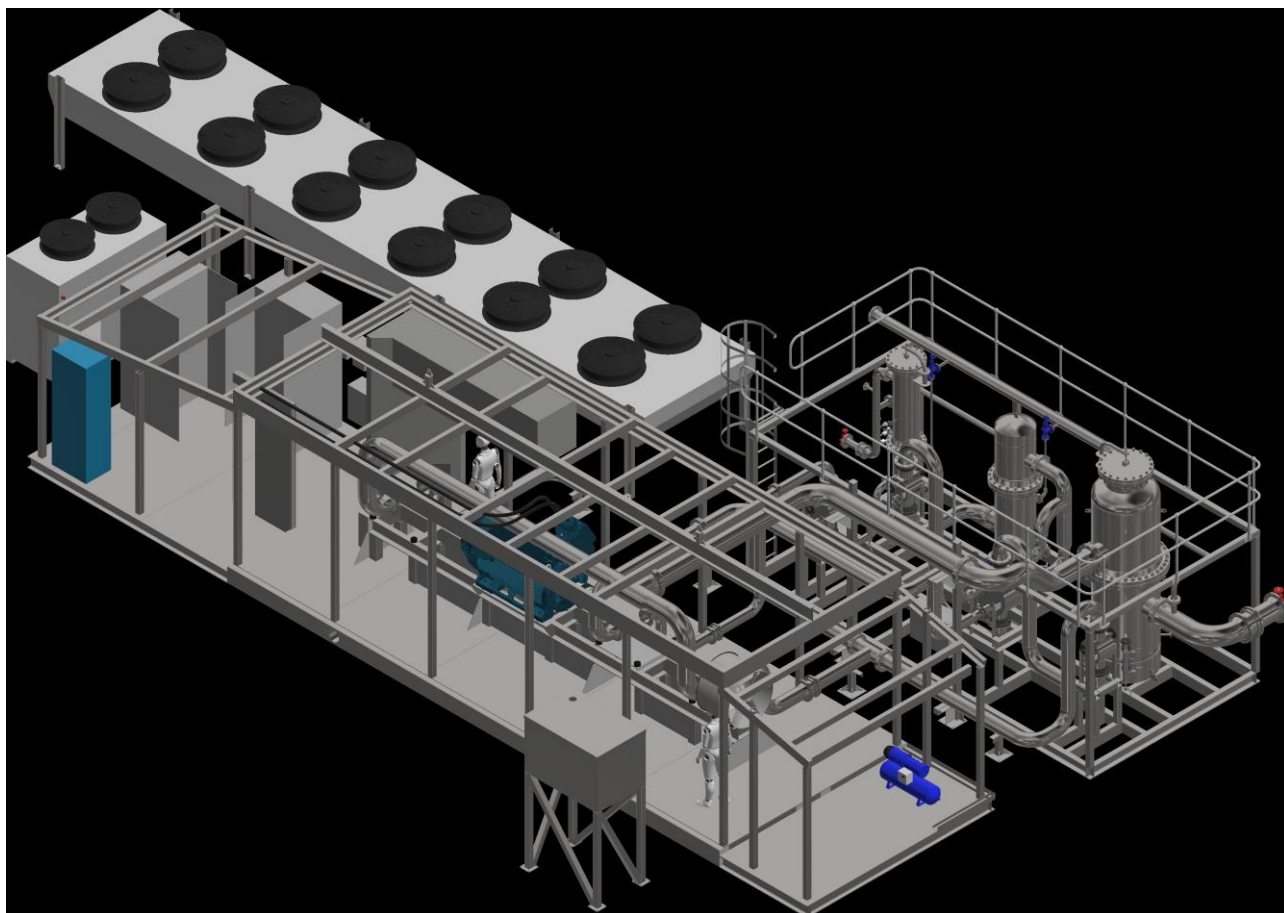


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Project Profile Document

P111



Client:	Gazonor S.A.
End user:	Gazonor S.A.
Duty:	Coal Mine Gas Extraction Compressor
Equipment:	Two Stage Rotary Vane Compressor
Cooling:	Closed Loop Water and Separate Radiator
Inlet pressure:	0.4 bara
Discharge pressure:	5 bara
Flow rate:	1,600 Nm ³ /h
Installed motor power:	500 kW
Scope:	Complete System with Controls
Site:	Divion, France
Delivery:	November 2020
Qty:	1 off



Client:	LeroB d.o.o.
End user:	INA
Duty:	Wellhead Gas Compressor
Equipment:	Oil Flooded Single Screw Compressor
Cooling:	On-skid air blast
Inlet pressure:	2 barg
Discharge pressure:	24 barg
Flow rate:	60,000 Sm ³ /day
Installed motor power:	450 kW
Scope:	Complete system with controls
Site:	Molve, Croatia
Delivery:	May 2019
Qty:	3 off



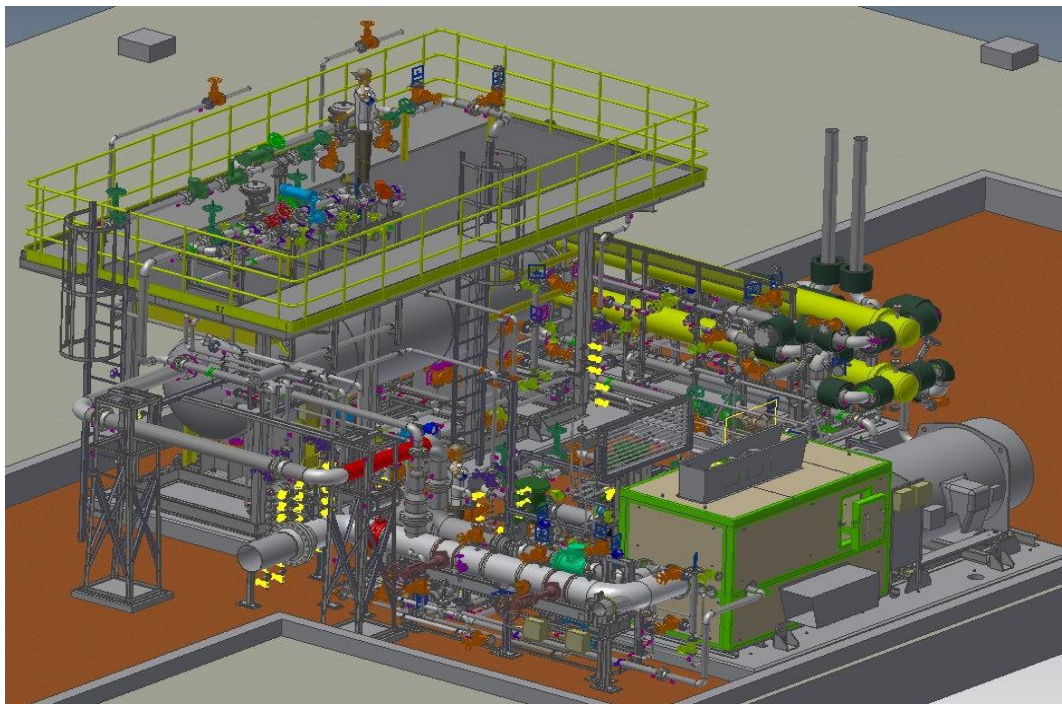
Client:	GPS (GAMA)
End user:	STEG (Tunisian Company of Electricity and Gas)
Duty:	Fuel Gas Booster
Equipment:	Oil Flooded Twin Screw Compressor
Cooling:	Off-skid air blast
Inlet pressure:	30 barg
Discharge pressure:	43 barg
Flow rate:	71,800 kg/h
Installed motor power:	1,850 kW
Scope:	Complete system with controls and enclosures
Site:	Tunis, Tunisia
Delivery:	September 2019
Qty:	2 off





Client:	LeroB d.o.o.
End user:	INA
Duty:	Gas Recycle and Gas Lift Package
Equipment:	Single Stage Oil Flooded Screw Compressor and Single Stage Oil Lubricated Reciprocating Compressor on One Skid
Cooling:	On-skid air blast
Inlet pressures:	2.5 and 20 barg
Discharge pressures:	25 and 65 barg
Flow rate:	20,000 and 10,000 Sm ³ /day
Installed motor power:	110 and 30 kW
Scope:	Complete system with controls
Site:	Ferdinandovac, Croatia
Delivery:	March 2017
Qty:	1 off





Client:	Zeeco Europe Ltd
End user:	BP
Duty:	Flare Gas Recovery
Equipment:	Single Stage Liquid Ring Compressor, Vessels and Auxiliaries
Cooling:	Site water
Inlet pressure:	50 mbarg
Discharge pressure:	8 barg
Flow rate:	3,550 Nm ³ /h
Installed motor power:	1,000 kW
Scope:	System modelling, fabrication, assembly, testing
Site:	Ruhr Öl Refinery, Scholven, Germany
Delivery:	February 2017
Qty:	1 off





Client:	Confidential
End user:	Confidential
Duty:	Biogas Compression and CO2 Removal
Equipment:	Two Stage Oil Lubricated Rotary Vane Compressor and Large Stainless Steel Pressure Vessels
Cooling:	Closed loop water system
Inlet pressure:	100 mbarg
Discharge pressure:	9.5 barg
Flow rate:	2,400 Nm ³ /h
Installed motor power:	400 kW
Scope:	Complete system with controls
Site:	UK
Delivery:	August 2016
Qty:	1 off





Client:	Bumi Armada Kraken Pte Ltd
End user:	Enquest North Sea
Duty:	Offshore Fuel Gas Compressor Package
Equipment:	Single Stage Oil Flooded Screw Compressor
Cooling:	On-skid air blast
Inlet pressure:	3.5 bara
Discharge pressure:	9.5 bara
Flow rate:	2,612 kg/h
Installed motor power:	290 kW
Scope:	Complete system with controls
Site:	Kraken FPSO North Sea
Delivery:	August 2015
Qty:	2 off



Client and End User:	Advanced Plasma Power
Duty:	Syngas Storage
Equipment:	Four Stage Oil Free Reciprocating Compressor for Syngas Storage, and Vessels Package
Cooling:	On-skid air blast
Inlet pressure:	0 barg
Discharge pressure:	50 barg
Flow rate:	70 Nm ³ /h
Installed motor power:	30 kW
Scope:	Complete system with controls and acoustic enclosure
Site:	Swindon, UK
Delivery:	April 2015
Qty:	1 off



Client:	Una Oil
End User:	South Oil Co.
Duty:	Fuel Gas Compression and Treatment Packages
Equipment:	Single Stage Oil Flooded Screw Compressor
Cooling:	On-skid air blast
Inlet pressure:	16 to 55 bara
Discharge pressure:	25 bara
Flow rate:	9,650 Nm ³ /h
Installed motor power:	300 kW
Gas heater power:	200 kW
Scope:	Complete system with controls
Sites:	Rumaila area, Iraq
Delivery:	February 2015
Qty:	3 off

P091



Client:	MEO Peak Consortium
End user:	Coastal Energy
Duty:	Offshore Fuel Gas Compressor Package
Equipment:	Single Stage Oil Lubricated Reciprocating Compressor
Cooling:	On-skid air blast
Inlet pressure:	70 psig
Discharge pressure:	261 psig
Flow rate:	0.8 to 0.6 MMSCFD
Installed motor power:	55 kW
Scope:	Complete system with controls
Site:	Songkhla Offshore Field, Thailand
Delivery:	June 2014
Qty:	1 off



Client:	Gazoil Corp.
End user:	Lukoil
Duty:	Fuel gas boosters to micro gas turbines
Equipment:	Single Stage Oil Flooded Twin Screw Compressors
Cooling:	On-skid air blast
Inlet pressure:	0.1 barg
Discharge pressure:	6 barg
Flow rate:	350 Nm ³ /h
Installed motor power:	45 kW
Scope:	Complete system with control panel, heated block box containers and chillers
Site:	Tchaikovsky, Perm Oblast, Russia
Delivery:	November 2014
Qty:	2 off compressor units, plus 1 off auxiliary package



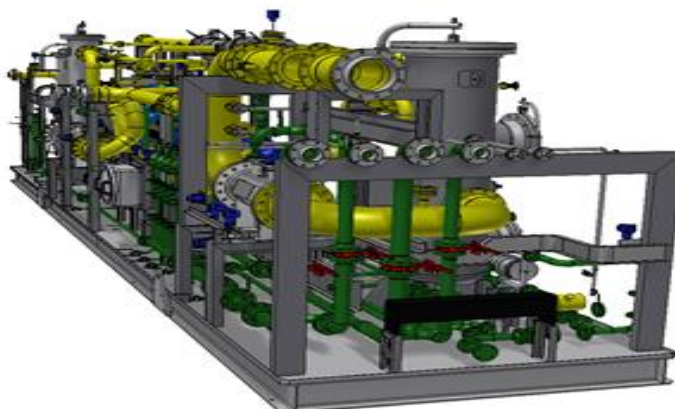
Client:	Perenco France
End user:	Perenco DRC
Duty:	Fuel gas boosters to Solar gas turbines
Equipment:	Single Stage Oil Flooded Twin Screw Compressors
Cooling:	On-skid air blast
Inlet pressure:	35 psig
Discharge pressure:	245 psig
Flow rate:	3 MMSCFD
Installed motor power:	400 kW
Scope:	Complete system with ATEX control panel
Site:	Kinkasi, Democratic Republic of Congo
Delivery:	January 2014
Qty:	2 off units



Client:	LeroB d.o.o.
End user:	INA
Duty:	Wellhead Gas Compressor
Equipment:	Oil Flooded Single Screw Compressor
Cooling:	On-skid air blast
Inlet pressure:	2 barg
Discharge pressure:	24 barg
Flow rate:	25,000 Sm ³ /day
Installed motor power:	250 kW
Scope:	Complete system with controls
Site:	Molve, Croatia
Delivery:	December 2013
Qty:	1 off



Client:	John Zink
Duty:	Flare Gas Recovery Packages
Equipment:	Two Stage Rotary Vane Compressors
Cooling:	Stand-alone air blast
Inlet pressure:	1 bara
Discharge pressure:	8.5 bara
Flow rate:	2,200 to 600 Am ³ /h
Installed motor power:	400 to 132 kW
Scope:	Complete system with controls
Sites:	Izmit, Izmir & Kirikkale, Turkey
Delivery:	2014 & 2015
Qty:	8 off units





Client:	ESD AG
End user:	Rosneft
Duty:	Recycle gas blower (Start-up gas, predominantly nitrogen)
Equipment:	Oil free Roots blower
Inlet pressure:	1 bara
Discharge pressure:	1.3 bara
Flow rate:	11,719 Nm ³ /h
Installed motor power:	200 kW
Scope:	Complete system with controls
Site:	Achinsk, Russia
Delivery:	December 2012
Qty:	1 off



Client:	IGSA
Duty:	Fuel gas boosters to Solar gas turbines
Equipment:	Single stage oil flooded single screw
Cooling:	Stand-alone air blast radiator
Inlet pressure:	7 barg
Discharge pressure:	23 barg
Flow rate:	5,600 scfm
Installed motor power:	530 kW
Scope:	Complete system with controls
Site:	Mexico City
Delivery:	March 2012
Qty:	2 off



Client:	Laing O'Rourke plc
End user:	National Health Service
Duty:	Fuel gas booster to Rolls Royce gas turbine
Equipment:	Single stage oil flooded single screw
Cooling:	Remote air blast radiator and closed loop water system
Inlet pressure:	180 mbarg
Discharge pressure:	21 barg
Flow rate:	2,000 Nm ³ /h
Installed motor power:	500 kW
Scope:	Complete system with controls, enclosure and installation at site
Site:	Aberdeen, Scotland
Delivery:	May 2011
Qty:	1 off



Client and End user:	PT Indo Raya Kimia, subsidiary of Aditya Birla Group, Gujarat, India
Duty:	Fuel gas booster to burners (Impure pipeline natural gas)
Equipment:	Two stage. First stage roots blower. Second stage oil flooded single screw
Cooling:	Direct air blast
Inlet pressure:	300 mbara (vacuum)
Discharge pressure:	8 barg
Flow rate:	1,300 Nm ³ /h
Installed motor power:	110 + 200 kW
Scope:	Complete system, inclusive of controls
Site:	Cikampek, Indonesia
Delivery:	May 2011
Qty:	1 off



Client:	Salamander Energy plc
End user:	PT Pertamina
Duty:	Wellhead gas at gas processing plant for heavy hydrocarbon gas
Equipment:	Two stage oil lubricated reciprocating compressor.
Cooling:	Direct air blast, remote mounted
Inlet pressure:	8 barg
Discharge pressure:	43 barg
Flow rate:	2 MMSCFD
Installed motor power:	200 kW
Scope:	Complete system, inclusive of controls
Site:	Pangkalanbrandan, Sumatra, Indonesia
Delivery:	April 2011
Qty:	2 off



Client and End user:	Pioneer Power Pvt. Ltd., subsidiary of Penna Cement Industries
Duty:	Fuel gas booster to GE Frame 6 gas turbine
Equipment:	Single stage oil flooded single screw
Cooling:	Site water
Inlet pressure:	1 to 10 barg
Discharge pressure:	20.5 barg
Flow rate:	12,000 Nm ³ /h
Installed motor power:	1,100 kW
Scope:	Complete system, inclusive of controls
Site:	Ramanathapuram, Tamil Nadu, India
Delivery:	March 2010
Qty:	1 off



Client and End user:	STSI, subsidiary INA Group, Croatia
Duty:	Associated gas from crude oil at gas processing plant
Equipment:	Single stage oil lubricated reciprocating compressor
Cooling:	Direct air blast
Inlet pressure:	29 barg
Discharge pressure:	80 barg
Flow rate:	13,000 kg/h
Installed motor power:	450 kW
Scope:	Complete system, inclusive of controls
Site:	Croatia
Delivery:	July 2009
Qty:	1 off



Client and End user:	Confidential
Duty:	Mobile unit for degassing natural gas pipelines
Equipment:	Single stage oil flooded single screw compressor
Cooling:	Water circuit and adjacent radiators
Inlet pressure:	0.5 to 27 barg
Discharge pressure:	31 barg
Flow rate:	35,000 Nm ³ /h max at highest inlet pressure
Installed motor power:	710 kW
Scope:	Complete compressor skid with integral cooling and separate control and electricals module
Site:	Mobile Western Europe
Delivery:	June 2010
Qty:	2 off



Client:	Combined Group Contracting
End user:	Kuwait Ministry of Energy and Water
Duty:	Fuel gas boosters to 4 off GE Frame 7 gas turbines
Equipment:	Single stage oil flooded single screw
Cooling:	Remote air blast for lube oil only. No gas cooling
Inlet pressure:	10 barg
Discharge pressure:	21 barg
Flow rate:	110,000 lb/h in total
Installed motor power:	1,000 kW each
Scope:	Complete system with controls
Site:	Sabiya, Kuwait
Delivery:	February 2009
Qty:	4 off



Client:	PT Promatcon Tepatguna
End user:	PT Vico Indonesia, subsidiary of BP
Duty:	Mobile unit for stimulating flooded gas wells
Equipment:	Single stage oil flooded single screw compressor and large liquid pump
Cooling:	Skid mounted water circuit and radiator
Inlet pressure:	1 psig
Discharge pressure:	120 psig
Flow rate:	2.5 MMSCFD
Installed motor power:	600 kW diesel engine
Scope:	Complete compressor skid with integral cooling, control and electrics
Site:	Badak, East Kalimantan, Indonesia
Delivery:	January 2006
Qty:	1 off

Enclosures



Typical compressor enclosures manufactured by GCL with removable roofs. Less than 80 dB(A) outside with 100 dB(A) inside @ 1m FFC.