



Ref	 Spec
1	GE Oil & Gas Type SC2-15 Turbine
	GE Italy
	Serial No
	V01914
	N.P. Job Ref
	1908205
	Year of Construction
	2016
	Rated Power
	48,780 Kw
	Rated Speed
	5,319 Rpm
	Max. Cont. Speed
	5,319 Rpm
	Trip Speed
	5,851 Rpm
	1st Critical Speed
	2,360 Rpm
	2nd Critical Speed
	7,080 Rpm
	Max. Inlet Steam Pressure
	125 Bara [1812 PsiA]
	Max. Inlet Steam Temperature
	545 Deg C [1,013 Deg F]
	Max. Exhaust Press
	0.16 BarA [12.32 PsiA]
2	GE Energy Power Conversion UK
	GE UK
	Serial No
	UK.C.Y.20275.01.40.01
	Frame No
	A220QQ4
	Year of Construction
	2015
	Output
	58,824 kVA
	Volts
	13,800
	Amps
	2,461
	Phase
	3
	Hz
	50
	RPM
	1,500
	Max Overspeed RPM
	1,800
	P.F.
	0.85
	Poles
	4
	Insulation Class
	F
	Rating S1 (Cont) -
	Class B
	Min. Amb Temperature
	18 Deg C
	Max. Ambient Temperature
	45 eg C
	Excitation BRUSHLESS
	86.4V 7.19 A
	Altitude
	1,000 M
	I.P 55
	IC8A1W7
	Rated Coolant Temperature
	41 Deg C
	Connection
	STAR
	Direction of Rotation [Looking from Drive End]
	Counter Clockwise
	Mass
	99,055 Kg
3	Lufkin Gears Model No NF3819E Gearbox
	France
	Serial No
	30-7993
	Year of Manufacture
	2016

Ref	 Spec	
	Order No	353,916
	Customer Specification	RR3945214
	Gear Ratio	3.5429.
	Rated Input	5314.29 RPM
	Rated Output	1500 RPM
	Gear Rated Power	55650 Kw
	Service Factor	1.3.
	Actual K factor	2.431 Mpa
	Standard	AGMA 421.03
	No of Teeth gr/pin	124/ 35
	First Lateral Critical Speed - Pinion	11800
	First Lateral Critical Speed - Gear Wheel	7,900
	Ambient Temperature	plus 18 / plus 45 Deg C
	Unit Weight	28060 Kg
3.1	Gantry & Frame for items 1 > 3	
4	GE Lubrication Skid for above	
5	Chem Process Systems Exhaust Duct	K1SG-CND-0800 Module G
	Serial No	PEF 159
	Year of Construction	2016
6	GE Oil & Gas / Chem Process Systems Shell & Tube Surface Condenser with under Hot Well Vessel	K1SG -CDN-0800 Module G
	Serial No	PEF 158
	Year of Manufacture	2016
	Volume Shell Side	64,110 Litres
	Volume Tube Side	17,390 Litres
7	GE Oil & Gas Vacuum Skid with LRV Pumps	NP 1908205
	Serial No	RP 19935
	Year of Manufacture	2016
8	Enxio Solutions Water Cooling Towers and Components	
9	Uninstalled Components (Some Ctared) Including:	
	ELE Generator Exciter & 10 x Cable Reels	
	Lube Oil Clarifier, Back Up Battery Packs	
	Special Tools, Loose Fittings & Valves	
Note	All scaffolding is excluded	