

1	GENERAL							
2	Project:	INSTALLATION OF NEW GTC AT GANDHAR			Job No.:	B240		
3	Owner:	GAIL (INDIA) LIMITED			Site:	GPU GANDHAR		
4	Purchaser:				Unit:	NEW COMPR. AREA	Unit No.:	910
5	Eqpt. item no. for which Oil System is reqd.:	910-K-901			Service:	Oil System for Comp. Gear Unit & GT		
6	Oil System item no.:	910-OS-901			Mfr. of Oil System:			
7	No. of Eqpt. for which Oil System is reqd.: Centrifugal Compressor, Gear Unit and Gas Turbine							
8	Applicable To	☒ Proposal			☐ Purchase		☐ As Built	
9	☒ Scope Option & Information specified by Purchaser ☐ Information Req'd. from & option left to vendor. Vendor to cross (X) the selected option.							
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11	APPLICABLE DOCUMENTS							
12	☒ Local Instruments and Panel Items as per			Instrument Specifications				
13	☒ Instruments Suppliers as per			Approved Vendor List				
14	☒ Special Purpose Oil System as per			API Std 614 4 th Ed., April 1999				
15	☐ General Purpose Oil System as per							
16	☒ Dry Gas Seal Support Modules/System as per			API Std 614 4 th Ed., April 1999				
17	☒ Additional Documents			Job Spec.B240-910-80-42-SP-5010 and DS No. B240-910-80-42-DS-1005				
18	☐ Additional Documents							
19	☒ Pumps as per			API Std. 676 3 rd Edn. or API Std. 610 10 th edn.				
20	☒ Pump Driver(Motor) as per			Refer Electrical Specs.				
21	☐ Pump Driver(Turbine) as per							
22	☐ Referenced Standard as per							
23	☐ Additional Documents							
24	☐ Additional Documents							
25								
26	INSTALLATION DATA(Rem1)				Site Data (Rem 1)			
27	☒ General site data included in specification				☐ Ambient Condition:			
28	☒ Utility data included in specification				☐ Min./Max. Temp.(°C):			
29	☐ Space available for Oil System (LxWxH),m:				☐ Relative Humidity:			
30	☒ Max. noise level not to exceed 85 dBA @ 1 meter distance.				☐ Corrosive Atmosphere:			
31	☐ Winterize		☒ Tropicalize		Utility Data (Rem 1)			
32	☒ Area Classification (Refer Electrical Specs.)				☐ Electrical			
33	☐ Class				Voltage/Hertz/Phase:			
34	☐ Group				☐ Cooling Water			
35	☐ Division				☐ Water Source:			
36	☐ Or See				☐ Inlet Temp.(°C):			
37					☐ Max. Return (°C):			
38					☐ Pressure (Nor./Design),kg/cm²G:			
39					☐ Min. Return(kg/cm²G):			
40					☐ Max.ΔP(kg/cm²G):			
41	EQUIPMENT OIL REQUIREMENT							
42		Normal		After Trip				
43	Lube Oil:	Q:m³/hr	P:kg/cm²G	Q:m³/hr	P:kg/cm²G	☐ Steam for Drivers:		
44	☒ Driven Eqpt. (LP Casing)					Pressure(kg/cm²G)		Temperature(°C)
45	☒ Driven Eqpt.(HP Casing)					Inlet: Min.		
46	☐ Driven Eqpt.					Inlet: Nor.		
47	☒ Prime Mover (Gas Turbine)					Inlet: Max.		
48	☒ Gear Unit					Exhaust: Min.		
49	☐ Coupling					Exhaust: Nor.		
50						Exhaust: Max.		
51	☒ Total:					☐ Steam for Heating:		
52	Control Oil:					Pressure(kg/cm²G)		Temperature(°C)
53	☐ Normal					Inlet: Min.		
54	☐ Transient					Inlet: Nor.		
55	Seal Oil:					Inlet: Max.		
56	☐ At:					Exhaust: Min.		
57	☐ At:					Exhaust: Nor.		
58	☐ At:					Exhaust: Max.		
59	☐ Total							
60	Grand Total							
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64	☐ Oil Type & Viscosity:		Location:		
65	☐ Required Heat Load (kW):		☒ Indoor	☐ Heated	☒ Under roof
66			☐ Outdoor	☒ Unheated	☒ Grade
67	☒ Preparation for Shipment:		Painting:		
68	☒ Install new filter and tag		☒ Component supplier standard		
69	☒ 2 years operational and maintenance spares.		☐ Unified per system supplier standard		
70	☐ Box extra sets with the system		☐ Purchaser standard per		
71	Other Parts		☐		
72	☐		☐		
73	☐		☐ Weights(kg):		
74	System and Components:		Console		
75		Vendor's Standard	Purch. Specification	Panel	
76	☐ Domestic	☐	☐	☐ Dimensions(LxWxH):	
77	☒ Export	☒	☐	Console	
78	☒ Extended storage 6 months	☒	☐	Panel	
79	Spare Parts:				
80		Vendor's Standard	Purch. Specification		
81	☐ Domestic	☐	☐		
82	☒ Export	☒	☐		
83	☒ Extended storage 6 months	☒	☐		
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86	Remarks				
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88	1 .Refer Site & Utility Data Doc. No. B240-910-80-42-SU-5010				
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16.04.19	A	AS	NK
DATE	REV	JOB ENGINEER	REVIEWED & APPROVED BY