

Project		 GREEN QUBIC ENGINEERING & MINING CO.
TARAZ BITUMEN PLANT PROJECT		
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DATA SHEET FOR HOT OIL PACKAGE	TRZ-PR-DS-012-00	1 of 2

PROCESS DATA SHEET FOR HOT OIL PACKAGE					
01					
00	20.May.2026	Issued for Procurement	A.Joorabloo	H.Abhaji	A.Mobaraki
REV.	DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED

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1				
2	OPERATING DATA			
3	Number of Units	1		
4	Tracing (per unit)	by vendor	m3/hr	
5	Gas Required (per unit)	by vendor	m3/hr	
6	Gas Oil Required (per unit)	Not Required	lit/hr	
7	Fuel Oil Required (per unit)	Not Required	lit/hr	
8	Capacity	3,000,000	Kcal/hr	Actual
9	Maximum Operating Pressure	8	barg	
10	Design Pressure	10	barg	
11	Hydrostatic Test Pressure	15	barg	
12	Design and Fabrication Standards	DIN 4754 , IPS-PR-410		
13	Boiler Type	Horizontal 3 pass		
14	Maximum Outlet Temperature	300	oC	
15	Design Temperature	350	oC	
16	Heat Transfer Area	150	m2	
17	Thermal Efficiency	by vendor		
18	Shell Thickness	by vendor		
19	Stock Height	6	m	
20	Stock Diameter	by vendor	in	
21	Coil Configuration	by vendor		
22	Coil Diameter	4	in	
23	Burner Electromotor Horsepower	by vendor		
24	Burner Fuel Gas size	by vendor		
25	Oil Pump Type / Qty	Centrifugal 80-250	2 No.	
26	Oil Pump Circulation Capacity	150	m3/hr	
27	Oil Pump Discharge Pressure	8	barg	
28	Oil Pump Electromotor Horsepower	75	KW	
29	Make-up Pump Horsepower	by vendor	KW	
30	Thermal Oil Storage Tank Capacity	6000	lit	Thk. 8mm
31	Expansion Tank Capacity	2500	lit	Thk. 8mm
32	Insulation thickness	by vendor		
33	Insulation Density	by vendor		
34	Burner Type	Single Fuel		With Gas Line
35	Burner Capacity	3,500,000	Kcal/hr	
36	Oil Make Up Pump	Required		
37	Instrument Accessories	Required		
38	Electrical Panel	Required		