

8.0 METEOROLOGICAL DATA

Refer Engineering Design Basis for complete details of meteorological design data for Gandhar terminal. This section presents relevant data towards preparing process engineering specifications.

Sl#	Parameter	Minimum	Normal / Average	Maximum / Design
(A) METEOROLOGICAL DATA				
1	Elevation above mean sea level, m		8	
2	Barometric pressure, mBar			
3	Ambient temperature, °C	t _{min} = 6	t _{nor} =	t _{max} =47
4	Relative humidity, %	20%@ t _{min}	@ t _{nor}	90% @ t _{max}
5	Rainfall data for 24-hour period			305 mm
6	Wind data (a) wind velocity			160 km/hr
	(b) wind direction (% days per year)	N(5), NE(13.5), E(5.75), SE(10.25), S(10), SW (37.5), W(6), NW(9), Calm(3)		
(B) DATA FOR EQUIPMENT DESIGN				
1	Design dry bulb temperature, °C			42
2	Design wet bulb temperature, °C			29
3	Low ambient temperature for MDMT, °C			6
4	Design air temperature for air cooled exchangers where followed by water cooling, °C			40
5	Design air temperature for air cooled exchangers Where not followed by water cooling, °C			42
6	Coincident temperature and relative humidity for Air Blower / Air Compressor design.			40 °C & RH 90%

9.0 GENERAL PROJECT SPECIFICATIONS

9.1 Numbering system

Numbering system shall be followed as per below table

9.1.1	Equipments	As per EIL standard
9.1.2	Instruments	As per EIL standard
9.1.3	Drawings/Documents	As per EIL standard
9.1.4	Unit No.	Gandhar New Installations : 910 Samni New Installations : 911 Vemar New Installations : 912 Jhanore New Installations : 913