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REVERSE OSMOSIS SYSTEM

COMPANY NAME	DATE :	
ADDRESS :		
TEL NO.:	FAX :	
CONTACT PERSON:	DESIGNATION :	
OPERATING DATA		
ORP value of Feed Water (in mV)		
pH value of Feed Water		
SDI Value		
Pump discharge capacity (in M ³)		
System Configuration		
System Array		
No of Stage/ Pass	Stage	Pass
Membranes in each Pressure Vessel		
Type of Membrane	Brackish Water	Sea water
Membrane Manufacturer		
Membrane Type No.		
Age of Membrane		
Antiscalant Used		
CIP Frequency		
Feed Flow (in M ³ /hr)		
Feed Pressure (kg/cm ²)		
Reject Flow (in M ³ /hr)		
Reject Pressure (kg/cm ²)		
Permeate Flow (in M ³ /hr)		
% Recovery (Stage Wise)		
% Recovery (Total)		
Plant in Service (hrs/day)		

WATER ANALYSIS			
PARAMETERS/ UNIT	RESULTS		
	FEED WATER	REJECT WATER	CONDENSATE WATER
pH			
Total Hardness (ppm as CaCO ₃)			
Calcium Hardness (ppm as CaCO ₃)			
Total Alkalinity (ppm as CaCO ₃)			
Chloride (ppm as Cl)			
Sulphate (ppm as SO ₄)			
Phosphate (ppm as PO ₄)			
Fluoride (ppm as F)			
Zinc (ppm as Zn)			
Barium (ppm as Ba)			
Strontium (ppm as Sr)			
Iron (ppm as Fe)			
Silica (ppm as Silica)			
Other Ions if any			
Organic Matter (ppm KMnO ₄ Value)			
POST TREATMENT & USE OF PERMEATE WATER			
Degasser Tank Hold up Volume (in M ³)			
ION EXCHANGE PLANT	DM Plant	MB Plant	
Type of Anion Resin Used			
Type of Cation Resin Used			
If Morpholine dosage in DM water	Yes	No	
Any other use of Permeate Water:			
SCHEMATIC DIAGRAM:			