

		DATA SHEET			
		PACKAGE			
		MEMBRANE FILTER UNIT			
				Sh. 1 of 1	
PLANT					
DESCRIPTION	Brine pre-treatment for Chlorine production		ITEM NO.:	PU5801	
SERVICE	Brine		Q.ty	1	
LOCATION	Outdoor		P&ID N°	-	
TYPE	Membrane Filter				
OPERATING CONDITIONS					
INLET FLUID	Saturated NaCl Solution (26% wt)				
SPECIFICATION		INLET		OUTLET	
FLOWRATE	m3/h	80		80	
PRESSURE	kg/cm2	4		*	
TEMPERATURE	°C	50		*	
TOTAL HARDNESS	-	more than 10000 ppm		max. 1 ppm	
CLASS OF SERVICE	Continious (Service+Regeneration)				
REGENERATION TIME					
REGENERATION FLUIDS	*				
TECHNICAL CHARACTERISTICS					
The unit shall be preassembled as "Package unit" skid mounted and consists mainly of:					
- Prefilter package					
- CFS Membrane filter					
- Piping					
- Set of valves					
- Control board for operation and regeneration cycle					
- Recivers for solutions if needed					
- Set of instruments					
- Base plate C.S. made					
SITE CONDITIONS					
LOCATION	Isfahan, Iran				
INSTALLATION	Indoor				
ALTITUDE	1760 m.a.s.l.				
AMBIENT TEMPERATURE	Min. -17 / Max. +45 °C				
HUMIDITY	60 %				
UTILITIES					
ELECTRIC POWER					
FEED POWER FOR MOTOR	380 V / 3 Ph / 50 Hz				
FEED POWER FOR INSTRUMENTS	220 V / 1 Ph / 50 Hz				
REMARKS:					
* To be defined by manufacturer					
0	Issue for order				
Rev.	Description		Drawn.	Checked.	Date