




OWNER:  شرکت پتروشیمی بوشهر BUPC	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>							CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	
	<b>ESS FOR AMBIENT, SITE CONDITION &amp; UTILITY DATA</b>								
MC :  شرکت سمت و سوی توسعه ایرانیاں NDV	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number :	BU	20	D	000	PR	SPC	101	Rev.:	Page
								06	10 of 12

#### 4.3.6 Cooling Water

	PRESS. (bara)	TEMP. (°C)
SWEET COOLING WATER SUPPLY (NORM.)	5.5	35
SWEET COOLING WATER RETURN (NORM.)	2.5	45
MECHANICAL DESIGN	8	85

Maximum pressure drop for package is 1bar and inlet pressure to it is 4.5bara.

Fouling factor 0.00035 °Cm<sup>2</sup>/w  
 PH 6.5 - 8  
 Cl Max. 50 ppm

#### 4.4 AIR SYSTEM

##### 4.4.1 Instrument Air

	MIN.	NORM.	MAX.	MECHANICAL DESIGN
PRESSURE (bara)	7.0	8.0	8.5	11.5
TEMPERATURE (°C)	AMB.	AMB	AMB	85

Dew Point: -40°C at atm.

Note: Free from dust, water drop and oil.

##### 4.4.2 Plant Air

	MIN.	NORM.	MAX.	MECHANICAL DESIGN
PRESSURE (bara)	8	8.5	9	11.5
TEMPERATURE (°C)	AMB.	AMB	AMB	85