



PETROCHEMICAL INDUSTRIES
DESIGN & ENGINEERING CO.

PROJ. NO. : 1205



DENA METHANOL PLANT

شرکت صنایع پتروشیمی دنا
Dena Petrochemical Industries Co.

COVER SHEET

OWNER :

SABALAN PETROCHEMICAL INDUSTRIES CO.

PROJ. NO. : 89/S-G/102

DATA SHEET

For

AIR CONDENSER FOR SUBSTATION

DOCUMENT NO. : 1205-00-HV-DSH-021

TOTAL PAGES : 1 (Excluding Cover & Revision Index Sheets and attachments)

Note: For relevant records of the document, reference can be made to Sabalan Methanol Project documentation.

ED		EXT		IFE		A
Eng. Phase		Purpose Of Distribution (POD)		Purpose Of Issue (POI)		Owner's Action
00	15.10.2016	ISSUED FOR ENGINEERING		M.Mashayekh	M.Momenaie	A.Moadeli
Rev.	Date	Description		Prepared by	Checked by	Approved by
						Project



PROJ. NO. : 89/S-G/102

Data Sheet for Air Condenser for Substation

Doc. No.: 1205-00-HV-DSH-021

Rev. : 00

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Data Sheet for Air Condenser for Substation

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OWNER :

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NO.	GENERAL								
1	Tag No.		AC-0030 A/B						
2	Quantity (Working + Standby)		1+1						
3	Service Building		SUBSTATION						
4	Service Equipment		PAHU-0030 A/B						
5	Make / Origin		* / *						
6	Model No.		*						
7	Overall Size	l x w x h	m x m x m	*					
8	Operating Weight		Kg	*					
9									
10	SITE CONDITION								
11	Location / Latitude		Assaluyeh / 28.5° N						
12	Altitude		m	34					
13	Ambient Air Temperature	Max.	°F	118.4					
14		Min.	°F	41					
15	Summer WB Temp.		°F	91.4					
16	APPARATUS DATA								
17	Total Heat Rejection		Kw	*					
18	Condensing Temperature		°F	130					
19	Saturated Suction Temperature		°F	*					
20	Refrigerant	R134a							
21	Material	Galvanized Steel Sheet							
22	COIL DATA								
23	Qty.	*							
24	Rows Deep	*							
25	Material Coil / Fin	Copper / Al.							
26	Fins Per Inch	*							
27	Fins / Tubes Coating Material	* Blygold or Heresite							
28	Face Area		ft ²	*					
29	FAN DATA								
30	Qty.	*							
31	Make / Origin	* / *							
32	Model No.	*							
33	Fan Type	*							
34	Fan Blade Material	*							
35	Air Flow Rate		cfm	*					
36	Fan Diameter / Speed		in / rpm	* / *					
37	Fan Guard / Material	Required / Glvd. Steel *							
38	FAN MOTOR DATA								
39	Qty.	*							
40	Make / Origin	* / *							
41	Model No.	*							
42	Input Power (each)		Kw	*					
43	Speed		rpm	*					
44	Insulation Class / Temperature Rise	* / *							
45	Power Supply		V / Ph / Hz	400 / 3 / 50					
46	Degree of Protection	IP 55							
47	System Full Load Current	*							
48	System Power Factor	*							
49	Hazardous Classification	Unclassified							
50	Motor Efficiency		%	*					
51	Terminal Box Degree Of Protection	IPW 55							
52	ACOUSTIC DATA								
53	Hz	63	125	250	500	1000	2000	4000	8000
54	Db	*	*	*	*	*	*	*	*

REMARKS:

- * To be filled by vendor.
- N.A. Not Applicable.
- IPW 55 protection for junction boxes, motor terminal boxes, control stations, panel boards, and auxiliary equipment should be considered.