



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 CONTROL BUILDING (ZONE 1)

DOCUMENT NO. : 1205-00-HV-DSH-002

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.

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Eng. Phase		Purpose Of Distribution (POD)		Purpose Of Issue (POI)		Owner's Action
00	08.10.2016	ISSUED FOR ENGINEERING		M.Mashayekh	M.Momenaie	A.Moadeli
Rev.	Date	Description	Prepared by	Checked by	Approved by	Project



**Data Sheet for Air Condenser for Control Building
(Zone 1)**

Doc. No.: 1205-00-HV-DSH-002

Rev. : 00

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	PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING CO.		DENA METHANOL PLANT	OWNER : SABALAN PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/S-G/102
	PROJ. NO. : 1205	Data Sheet for Air Condenser for Control Building (Zone 1)		
		Doc. No.: 1205-00-HV-DSH-002	Rev. : 00	

NO.	GENERAL								
1	Tag No.		AC-0010 A/B						
2	Quantity (Working + Standby)		1+1						
3	Service Building		Control Room (Zone 1)						
4	Service Equipment		PAHU-0010 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		ft²	*					
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:

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