



NOANDISHAN ARYA
PROCESS & ENERGY ENG. CO.

Reference List of NAPEEC

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B- Deaerators

Date:
May 2015

	CLIENT / OWNER	PROJECT NAME	ACTIVITY	YEAR	ARRAG.	WATER	CAPACITY T/H	TEMP. °C	OXT.CONT. PPB
1	Palandeh Ab / Isfahan Refinery Co.	Isfahan Refinery 6 TH Boiler	E + S	2002	V Thermal	Demin	26	118	5
2	Mahdin/ Sazeh/ Arvand Petrochemical Co.	Boiler PVC Arvand	E + Int. S	2005	V Thermal	Cond. + Demin	84	113	7
3	Bandar Imam Petrochemical Complex	Olefin Expansion Bandar Imam Petrochemical Complex	E + S	2005	V Thermal	Cond. + Demin	175	130	7
4	Bandar Imam Petrochemical Complex	Olefin Expansion Bandar Imam Petrochemical Complex	E + S	2005	V Thermal	Cond. + Demin	95	130	7
5	Mahdin/OIEC/ IOOC	SIRI NGL / Boiler	E + Int. S	2007	V Thermal	Cond. + Demin	60	114	5
6	AZAR AB Ind. Co./ HOMS Refinery	Homs Refinery Boiler	E + S	2007	V Thermal	Demin	241	175	7



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7	IRITEC/ NISOC	Binak Desalting Plant	E + S	2007	V Vacuum	Raw Water	20	5-40	100
8	Mahdin/ KAVIAN Petrochemical Plant	Ethane Cracking Plant	E + S	2007	V Thermal	Cond. + Demin	2x416	130	7
9	Mapna Boiler/MOBIN Petrochemical Co.	Mobin Utility Complex Combined Heat & Power Plant Extension Hrsg Units 7&8	E + Int. S	2007	V Thermal	Demin Water	2x400	110	7
10	SADRA / I.C.O. F.C	Khesht Oil Field	E + S	2008	V Vacuum	Desalinated Water	17	3-40	100
11	J.V. OF Petroteksan AND OD&CC/ I.C.O.F C	Sarvestan And Saadat Abad Oil Field	E+S	2008	V Vacuum	Desalinated Water	12.5	3-43	100
12	Technican / OEID	Dehloran Oil Production And Desalting Plant	E+S	2008	V Sweet Gas Stripping	Raw Water	18.3	5-25	100



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13	TASDID/ NISOC	Lab Sefied Desalting Plant	E+S	2009	V Vacuum	Raw Water	11.7	5-40	100
14	Sakhtar Farda/ PEDEC	Mansouri Oil Field Production And Desalting Plant	E+S	2009	V Thermal	Soft Water	55	103	10
15	AZAR AB Ind. Co. Mahabad Petroch. Co.	Mahabad Petroch. Co.	E + Int. S	2010	V Thermal	Demin. Water	80	130	7
16	AZAR AB Ind. Co./ Lorestan Petroch. Co.	Lorestan Petroch. Co.	E + Int. S	2010	V Thermal	Demin. Water	80	130	7
17	JV. OF Petro Part / MED NISOC	Naft Sefid & Haftkel Desalting Palnt	E + S	2011	V Vacuum	Soft Water	15	Amb	100
18	PPL/IOEC/PPI Consortium	National Iranian Oil Company South Pars Gas Field Development Phase 19, Tombak-Iran	E + S	2011	H Thermal	Cond. + Demin Water	2 x 950	115	10



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19	Kherad Industry/ NISOC	Ghaleh Nar Desalting & Sweetening Plant	E + S	2012	V Vacuum	Desalinated Water	6.6	3~40	100
20	AZAR AB Ind. Co./ Esfahan Refinery Co.	Isfahan Refinery Company	E + int. S.	2013	H Thermal	Cond. + Demin Water	2 x 600	140	7
21	Kherad Industry/ NISOC	Gachsaran Desalting Plant	T&C	2013	V Vacuum	Raw Water	8.14	37.8	100
22	Behran Oil Company	Behran Oil Company	E + S	2014	V Thermal	Soft Water	100	109	7
23	Ilam Petrochemical Company	Olefin Plant Ilam Petrochemical Complex	E + S	2014	H Thermal	Cond. + DM Water	467	108	5
24	Garma Gostar Energy Engineering/ Jam Petrochemical Company	Water Tube Boiler Jam Petrochemical Company	E + S	2014	V Thermal	DM Water	275	111	7
25	AZAR AB Ind. Co./ EIED	Bushehr Petrochemical Company	E + int. S.	2015	H Thermal	Cond. + Demin Water	100	123	7

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Notes: NAPEEC design and fabricate deaerators with license of SWS (www.swsonweb.com)

Activity: E= Engineering Service + Internals
 S= Supply
 T&C= Troubleshooting & Commissioning
 Cond.= Condensate Water
 DM= Demineralization

Arrangement: V= Vertical
 H= Horizontal

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