



پتروشیمی توسعه پارک
سنگت گوهر آفوغ



PJP
PADJAM

Toase-eh Park Sanati Gohar Ofogh Petrochemical Co.

**CONCEPTUAL, BASIC and DETAIL DESIGN
ENGINEERING OF STYRENE PARK OFFSITE**

ENBR
TEKNOLOJI



Document Title: Electrical Load List

Document No. : EI027-DMF-VD-EL-LST-020

Rev.: R0

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STYRENE PARK OFFSITE

Document Title:

Electrical Load List

R0	19-Aug-24	IFA	Y.GHEREKHLLOU	J.BEIGLOU	A.GHOLIZADEH
Rev.	Issued Date	DESCRIPTION	PREPARED	CHECKED	APPROVED



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RU0001A-M-03

RU0001A-M-02

RU0001B-M-03

RU0001B-M-02

please add "M" in abbreviation also.

please specify the note1

ITEM	REV.	TAG NO.	Description	Load Type	Load Statude	Operating Type	Voltage Type	Voltage (V)	Frequency (Hz)	Mechanical Absorbed Power (KW)	Rotor Shaft Power @Min Temp	API 661 Factor (part: 7.2.7.1.2)	Absorbed Power (KW) (see note 1)	EFF.	P.F.	Operating Power(Kw)	Rated Power	rated Current	Density Factor	Starting Method
1	0	M-1A	Air cooler MOTOR LOAD LV-400V	M	C	N	3 PH	400±5%	50±2%	4.5	5.3	1.05	4.97	0.9	0.84	6.9	7.5	14.4	1	VFD
2	0	M-1B	Air cooler MOTOR LOAD LV-400V	M	C	N	3 PH	400±5%	50±2%	4.5	5.3	1.05	4.97	0.9	0.84	6.9	7.5	14.4	1	DOL
3	0	M-2A	Air cooler MOTOR LOAD LV-400V	M	C	N	3 PH	400±5%	50±2%	4.5	5.3	1.05	4.97	0.9	0.84	6.9	7.5	14.4	1	VFD
4	0	M-2B	Air cooler MOTOR LOAD LV-400V	M	C	N	3 PH	400±5%	50±2%	4.5	5.3	1.05	4.97	0.9	0.84	6.9	7.5	14.4	1	DOL

- C: Countinus Operation
- CS: Countinus Standby
- IO: Intermittant Operation
- SD: Shutdown operation
- SU: Start Up operation
- N: Normal Load
- E:Emergency Load
- DOL: Direct on Line Staring
- VFD: Variable Frequency Drive