



LIDCO, Pars SEE Zone, Assaluyeh,  
Integrated Methanol and Ammonia  
Plant 3000 MTPD MeOH / 900 MTPD NH3 PROJECT



Utility Consumption

Document No. 17735-03

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code-2  
M. Vakili

## Utility Consumption (K-020)

REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
02	29-01-2024	Issued for Approval	T.T.	J.J.	S.K.
01	14-09-2023	Issued for Approval	S.K.	J.J.	S.K.

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EQUIPMENT No. (ITEM)	DESCRIPTION	COOLING WATER m <sup>3</sup> /h	DEMINERALIZED WATER m <sup>3</sup> /h	INSTRUMENT AIR Nm <sup>3</sup> /h	PLANT AIR Nm <sup>3</sup> /h	NITROGEN Nm <sup>3</sup> /h	FUEL GAS Nm <sup>3</sup> /h	STEAM		CONDENSATE		ELECTRIC POWER					
								HHP/HP/L START-UP + PEAK VALUE	OPERATION	CLEAN	CONTAMINATED	VOLTA GE LEVEL V	RATE D kW	ABSORBED kW			
320-PCV-8201	Pressure Control Valve	-	-	1 Duty Int.	<del>1 Duty Int.</del>	-	-	-	-	-	-	-	-	-	-	-	-
KE-020-001	Cooling water for intercooler	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KE-020-001	Cooling water for aftercooler	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KM-020-002	Cooling fan motor	-	-	-	-	-	-	-	-	-	-	-	-	400	0,14	N/A	-
KH-020-001	Oil heater	-	-	-	-	-	-	-	-	-	-	-	-	230	0,08	N/A	-
KM-020-001	Main motor	-	-	-	-	-	-	-	-	-	-	-	-	400	11	5	-

all electrical user shall be 400 v 3 ph

It should be mentioned in instrument air column