



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



Tie in nozzle loads

Document No. 17735-28

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REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
02	14-12-2023	Issued for Information	SK	KP	JJ
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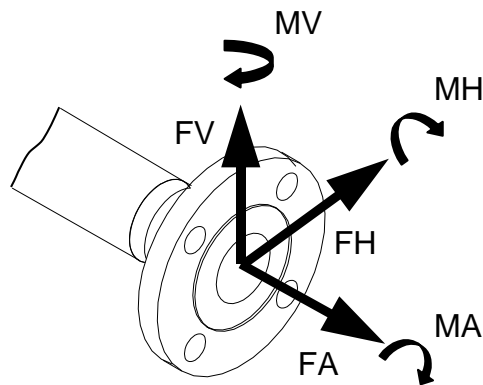
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1. Tie-in nozzle loads



NOZZLE SIZE INS.	150LB, 300LB & 600LB FLANGE RATING					
	FORCES kN			MOMENTS kNm		
	FH	FA	FV	MH	MA	MV
1	1	1	1	0.3	1	0.3
2	2	2	2	0.9	2	0.9
3	3	3	3	1.5	3	1.5
4	4	4	4	2.5	4	2.5
6	6	6	6	3.5	6	3.5
8	8	8	8	6	8	6
10	9.8	13.0	13.0	8.5	9.8	6.5
12	11.3	15.1	15.1	11.8	13.6	9.1
14	12.8	17.1	17.1	15.5	17.9	12.0
16	14.2	18.9	18.9	19.8	22.7	15.1
18	15.4	20.5	20.5	24.6	27.7	18.5
20	16.5	22.0	22.0	28.6	33.0	22.0
24	19.1	25.4	25.4	39.7	45.8	30.5

Table 1: Allowable nozzle load data