

REFERENCE DOCUMENTS

GENERAL NOTES

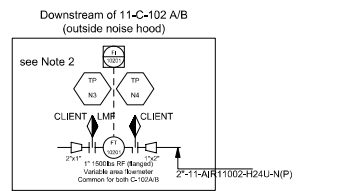
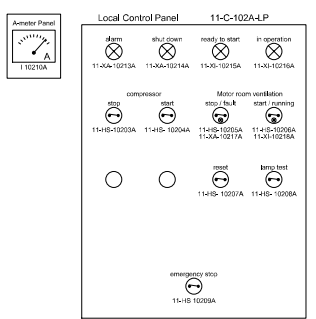
- Note 1: All instrument tag number have prefix no. 11, for example 11-PT-10201A
- Note 2: Flow transmitter delivered as a loose item.
- Note 3: No globe valve upstream filter, due to the fact that is not safety anymore with required globe valve.
- Note 4: Maximum oil entrainment of 5ppm on discharge is guaranteed by filters provided by LMF.
- Note 5: Data relates to the connection point, not to the line.
- Note 6: Heater considered but not required. Acc. client no heating is required as per clients experience for LV motors
- Note 7: Mating flange for TP N1 and TP N2 in LMF scope of supply
- Note 8: Mating flange for TP N3 and TP N4 in LMF scope of supply

Line	Size	Material	Rating
Inlet - 1. Stage suction cylinder	2 1/2"	Carbon steel	ATM
1. Stage discharge cylinder - Interstagecooler 1. stage	2 1/2"	Carbon steel	16 barg
Interstagecooler 1. stage - 2. stage suction cylinder	3"	Carbon steel	16 barg
2. Stage discharge cylinder - Interstagecooler 2. stage	2"	Carbon steel	20 barg
Interstagecooler 2. stage - 3. stage suction cylinder	a25 tubing	Carbon steel	25 barg
3. Stage discharge cylinder - Interstagecooler 3. stage	a25 tubing	Carbon steel	80 barg
Interstagecooler 3. stage - 4. stage suction cylinder	a25 tubing	Carbon steel	80 barg
4. Stage discharge cylinder - Interstagecooler 4. stage	a16 tubing	SS	170 barg
Interstagecooler 4. stage - 5. stage suction cylinder	a16 tubing	SS	170 barg
5. Stage discharge cylinder - Outlet	a16 tubing	SS	420 barg

DE	Purpose of Distribution (POD)	Purpose of Issue (POI)	Purchaser's Action
2	updating according client comments	K/R	Holzer 27.03.2018
4	updating acc. client comments	GS	Holzer 23.08.2019
5	updating acc. client comments	GS	Holzer 24.09.2019

OWNER:	EPCC CONTRACTOR:
PROJECT:	HENGAM FERTILIZER PROJECT
VENDOR:	Leobersdorfer Maschinenfabrik GmbH LMF
TITLE:	P & ID FOR PASSIVATION AIR COMP. 11-C-102 A

SCALE: NTS	OWNER PROJECT NO.: NA	VENDOR DWG. NO.: V00-07220	REV. 5	SIZE: A1			
SHT: 1 OF 2	EPCC PROJECT NO.: 1208	PIDEC DWG. NO.: VD-1208-302-PID-006					
Project No.:	1711-2016	Project No.:	VD-1208-302-PID-006	Sheet No.:	5	Sheet	1 of 2



11-CM-102A	
main motor 11-CM-102A	
Power (kW)	37
Voltage (V)	400
Frequency (Hz)	50
Current (A)	69
Electr. Equip.	Ex de IIB T4 G1
Rotation (l/min)	1460
Flange size	225

No.	Service	Size	Rating	Facing
TP N1	process gas outlet	3/4"	1500lbs	RF
TP N2	condensate outlet	2"	150lbs	RF
TP N3	Flow Transmitter Inlet	1"	1500#	RF
TP N4	Flow Transmitter Outlet	1"	1500#	RF

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