



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



Noise data sheet

Document No. 17735-49

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**Airpack B.V. - Air Compressor –
Integrated Methanol and Ammonia Plant
17735-COM Noise data sheet**

Code 2
M.Dalakeh

REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
01	25-06-2025	Issued for Information	S.K.	J.J.	S.K.

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Integrated Methanol and Ammonia Plant

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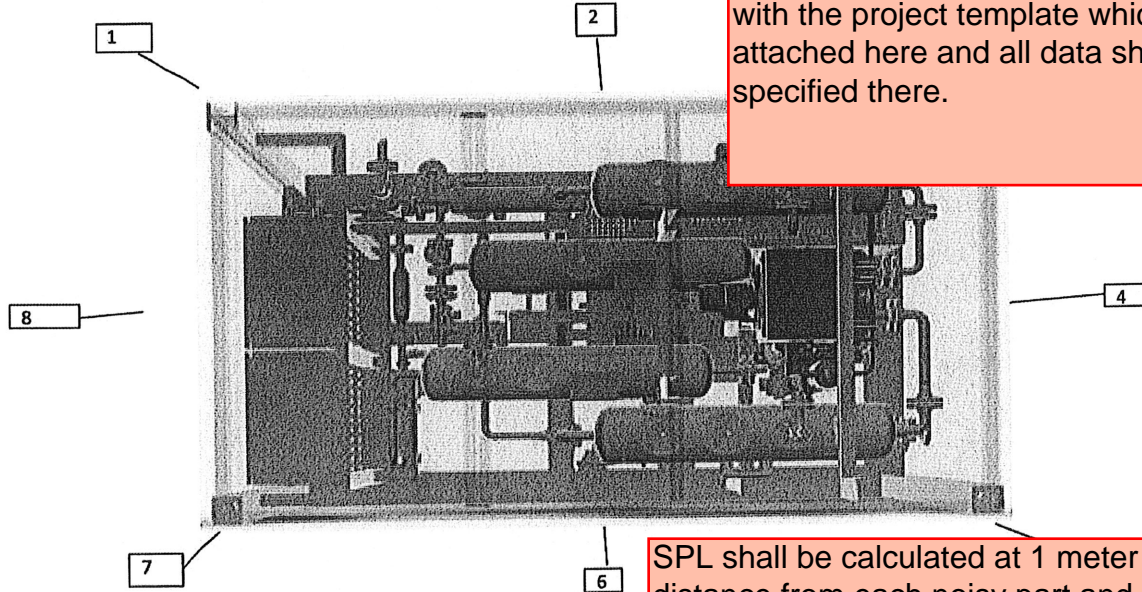
NOISE LEVEL

Unit : K-020
 Service : Air booster compressor
 Supplier : Airpack
 Serial No. : T-2023-00799

Client: Lavan Industry Development Company (LIDCO)
 Contractor: Nargan Company
 Project: Integrated Methanol and Ammonia Plant

Supplier to Complete Expected Noise Level Data

Noise data sheet shall be in accordance with the project template which is attached here and all data shall be specified there.



Please clarify your calculation for estimation and measured noise

SPL shall be calculated at 1 meter distance from each noisy part and whole package.

est:
 e from the package and 1,5 metre above the ground level to measured round the package. Final measure points
 checking correct functioning of the noise level meter. Noise shall not exceed 85 dB(A) for complete package.
 test

Points	Unit	Noise Estimated	Noise measured	Average of anti logs	Noise level (Logarithmic Avg)	Noise level (Arithmetic Avg)
P1	dB(A)	83	70	16402224	72.14903	71.875
P2	dB(A)	84	73			
P3	dB(A)	85	72			
P4	dB(A)	85	74			
P5	dB(A)	85	71			
P6	dB(A)	84	74			
P7	dB(A)	83	70			
P8	dB(A)	83	71			

Test Result:



Tested By : SK

Date: 28/02/2025

NOTE:

According the Noise level of 85 dB(A) at 1 meter distance from each noisy part and whole package, please note that positive tolerance is not acceptable.

Surrounding Noise measured (dB(A)) : 85
 Noise level (After correction (if required) as per 5.3 of ISO 2151):

Correction Factor

Level increase due to	Value to be subtracted from measured

Test Condition : Noise level test as per ISO 2151