

 <p>شرکت توسعه صنایع لوان Lavan Industry Development Company</p>	<p>LIDCO, Pars SEE Zone, Assaluyeh, Integrated Methanol and Ammonia Plant 3000 MTPD MeOH / 900 MTPD NH3 PROJECT</p>						
	<p>Index of Instruction and Operating Manual</p>						
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**Airpack B.V. - Air Compressor –**  
**Integrated Methanol and Ammonia Plant**  
**17735-COM Index of Instruction and Operating Manual (K020)**

Operating manual document shall include procedure for following stages:

- Pre-commissioning
- Commissioning
- start-up
- shutdown.

code-2  
 M. Vakili

01	13-11-2023	Issued for Approval	M.C.	J.J.	S.K.
<b>REV.</b>	<b>DATE</b>	<b>DESCRIPTION</b>	<b>DRAWN</b>	<b>CHECKED</b>	<b>APPROVED</b>

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Index of Instruction and Operating Manual

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# Integrated Methanol and Ammonia Plant

## Operating and maintenance data

- A General Data
- B Safety Precautions
- C Main Components
  - 1 Compressor
  - 2 Motor
  - 3 Inlet Filter
  - 4 Moisture Separator
  - 5 Inter / after cooler
- D Instrumentation
  - 1 Pressure Gauge
  - 2 Pressure transmitter
  - 3 Temperature Transmitter
  - 4 Thermowell + Element
  - 5 Temperature gauge
  - 6 Pressure Safety Valve
  - 7 Hand Ball Valve
  - 8 Pressure Control Valve
  - 9 Check Valve
  - 10 Y-Strainer
- E Electrical Equipment
  - 1 Programmable Logic Controller (PLC)
- F Documents
  - 1 Piping and Instrument Diagram
  - 2 General Arrangement Drawing
  - 3 Panel Layout Drawing
  - 4 Control Philosophy
  - 5 Wiring Diagram
  - 6 Equipment Datasheet

SG should be added

Out of scope vendor

# Integrated Methanol and Ammonia Plant

- G Troubleshooting
- H Preventive maintenance chart
- I Overall spare parts list
- J Logbook
- K Plant manager liability list
- L Lubricant chart



**Vendor doc. Number**

**17735-19**

**Vendor:**

**Airpack Nederland B.V.**

**P.O. NO.:**

**LIDCO-PO-NEC-278-6019**