

 <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>																				
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**Airpack B.V. - Air Compressor –
Integrated Methanol and Ammonia Plant
17735-COM Index of Instruction and Operating Manual (K020)**

REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
02	13-12-2023	Issued for Approval	M.C.	J.J.	S.K.
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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 (Start-up, Shutdown, Commissioning, Pre-commissioning)
 - 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 Documents
 - 1 Piping and Instrument Diagram
 - 2 General Arrangement Drawing
 - 3 Panel Layout Drawing
 - 4 Control Philosophy
 - 5 Wiring Diagram
 - 6 Equipment Datasheet

It is assumed oil pump will be describe in compressor section. Otherwise, separate section to be added

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



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