




|   |   |             |          |            |               |           |   |
|---|---|-------------|----------|------------|---------------|-----------|---|
|   | <b>LIDCO, Pars SEE Zone, Assaluyeh,<br/>Integrated Methanol and Ammonia<br/>Plant 3000 MTPD MeOH / 900 MTPD NH3 PROJECT</b> |             |          |            |               |           |  |
|   | <b>Instrument Cable schedule</b>  |             |          |            |               |           |   |
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**Airpack B.V. - Air Compressor –  
Integrated Methanol and Ammonia Plant  
17735-COM Instrument Cable schedule (K020)**

**Code 2  
M.Dalakeh**

|             |             |                     |              |                |                 |
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| <b>REV.</b> | <b>DATE</b> | <b>DESCRIPTION</b>  | <b>DRAWN</b> | <b>CHECKED</b> | <b>APPROVED</b> |

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Instrument Cable schedule

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| 1         | X  | X  | X  | X  | X  | 26        |    |    |    |    |    | 51        |    |    |    |    |    | 76         |    |    |    |    |    |
| 2         | X  | X  | X  | X  | X  | 27        |    |    |    |    |    | 52        |    |    |    |    |    | 77         |    |    |    |    |    |
| 3         | X  | X  | X  | X  | X  | 28        |    |    |    |    |    | 53        |    |    |    |    |    | 78         |    |    |    |    |    |
| 4         |    |    |    |    |    | 29        |    |    |    |    |    | 54        |    |    |    |    |    | 79         |    |    |    |    |    |
| 5         |    |    |    |    |    | 30        |    |    |    |    |    | 55        |    |    |    |    |    | 80         |    |    |    |    |    |
| 6         |    |    |    |    |    | 31        |    |    |    |    |    | 56        |    |    |    |    |    | 81         |    |    |    |    |    |
| 7         |    |    |    |    |    | 32        |    |    |    |    |    | 57        |    |    |    |    |    | 82         |    |    |    |    |    |
| 8         |    |    |    |    |    | 33        |    |    |    |    |    | 58        |    |    |    |    |    | 83         |    |    |    |    |    |
| 9         |    |    |    |    |    | 34        |    |    |    |    |    | 59        |    |    |    |    |    | 84         |    |    |    |    |    |
| 10        |    |    |    |    |    | 35        |    |    |    |    |    | 60        |    |    |    |    |    | 85         |    |    |    |    |    |
| 11        |    |    |    |    |    | 36        |    |    |    |    |    | 61        |    |    |    |    |    | 86         |    |    |    |    |    |
| 12        |    |    |    |    |    | 37        |    |    |    |    |    | 62        |    |    |    |    |    | 87         |    |    |    |    |    |
| 13        |    |    |    |    |    | 38        |    |    |    |    |    | 63        |    |    |    |    |    | 88         |    |    |    |    |    |
| 14        |    |    |    |    |    | 39        |    |    |    |    |    | 64        |    |    |    |    |    | 89         |    |    |    |    |    |
| 15        |    |    |    |    |    | 40        |    |    |    |    |    | 65        |    |    |    |    |    | 90         |    |    |    |    |    |
| 16        |    |    |    |    |    | 41        |    |    |    |    |    | 66        |    |    |    |    |    | 91         |    |    |    |    |    |
| 17        |    |    |    |    |    | 42        |    |    |    |    |    | 67        |    |    |    |    |    | 92         |    |    |    |    |    |
| 18        |    |    |    |    |    | 43        |    |    |    |    |    | 68        |    |    |    |    |    | ATTACHMENT |    |    |    |    |    |
| 19        |    |    |    |    |    | 44        |    |    |    |    |    | 69        |    |    |    |    |    | 1          |    |    |    |    |    |
| 20        |    |    |    |    |    | 45        |    |    |    |    |    | 70        |    |    |    |    |    | 2          |    |    |    |    |    |
| 21        |    |    |    |    |    | 46        |    |    |    |    |    | 71        |    |    |    |    |    | 3          |    |    |    |    |    |
| 22        |    |    |    |    |    | 47        |    |    |    |    |    | 72        |    |    |    |    |    | 4          |    |    |    |    |    |
| 23        |    |    |    |    |    | 48        |    |    |    |    |    | 73        |    |    |    |    |    | 5          |    |    |    |    |    |
| 24        |    |    |    |    |    | 49        |    |    |    |    |    | 74        |    |    |    |    |    | 6          |    |    |    |    |    |
| 25        |    |    |    |    |    | 50        |    |    |    |    |    | 75        |    |    |    |    |    | 7          |    |    |    |    |    |

| SI | LOCATION           | FROM BOARD / INSTRUMENT | GLAND | CABLE NAME   | TO BOARD / INSTRUMENT | TERM. STRIP            | TERMINAL     | GLAND | LOCATION | CABLE     | CABLE LENGTH | CABLE CODE     | SCOPE   |          |
|----|--------------------|-------------------------|-------|--------------|-----------------------|------------------------|--------------|-------|----------|-----------|--------------|----------------|---|----------|
|    |                    |                         |       |              |                       |                        |              |       |          |           |              |                |   | SIZE     |
| 1  | <b>300LP-820</b>   |                         |       |              |                       |                        |              |       |          |           |              |                |   |          |
| 2  | CUSTOMER           | MCC                     | TBA   | 300CDDN820   | 300LP-820             | 300TDD820              | 1-14         | M25   | FIELD    | 14Cx1.5   | TBA          | 14C1.501ARGYN  | GENERATOR MULTIPAIR CABLE PUSHBUTTONS FROM CUSTOMER | CUSTOMER |
| 3  | CUSTOMER           | CUSTOMER                | TBA   | 300CDDN821   | 300LP-820             | 300TDD820              | 15-28        | M25   | FIELD    | 14Cx1.5   | TBA          | 14C1.501ARGYN  | GENERATOR MULTIPAIR CABLE LAMPS FROM CUSTOMER       | CUSTOMER |
| 4  | CUSTOMER           | MCC                     | TBA   | 320CED820    | 300LP-820             | 300TED820              | 1-4          | M20   | FIELD    | 4Cx1.5    | TBA          | 4C1.501ASRDN   | GENERATOR MULTIPAIR CABLE ESD BUTTON FROM CUSTOMER  | CUSTOMER |
| 5  | <b>300IDAN-820</b> |                         |       |              |                       |                        |              |       |          |           |              |                |   |          |
| 6  | CUSTOMER           | CUSTOMER                | TBA   | 320CDDN820   | 300IDAN-820           | 300TDA820<br>300TDA821 | 1-48<br>1-10 | M40   | FIELD    | 19x2x0.75 | TBA          | 19P0.7511ARGYN | GENERATOR MULTIPAIR CABLE TRANSMITTER FROM CUSTOMER | CUSTOMER |
| 7  | FIELD              | 320PT-8201              | M20   | 320PT-8201   | 300IDAN-820           | 300TDA820              | 1-3          | M20   | FIELD    | 1Px1.5    | 7            | 1P1.501ARGYN   | PACKAGE INLET PRESSURE TRANSMITTER                  | AIRPACK  |
| 8  | FIELD              | 320PT-8202              | M20   | 320PT-8202   | 300IDAN-820           | 300TDA820              | 4-6          | M20   | FIELD    | 1Px1.5    | 7            | 1P1.501ARGYN   | 2ND STAGE SUCTION PRESSURE TRANSMITTER              | AIRPACK  |
| 9  | FIELD              | 320PT-8203              | M20   | 320PT-8203   | 300IDAN-820           | 300TDA820              | 7-9          | M20   | FIELD    | 1Px1.5    | 7            | 1P1.501ARGYN   | PACKAGE OUTLET PRESSURE TRANSMITTER                 | AIRPACK  |
| 10 | FIELD              | 320PT-8204              | M20   | 320PT-8204   | 300IDAN-820           | 300TDA820              | 10-12        | M20   | FIELD    | 1Px1.5    | 7            | 1P1.501ARGYN   | OIL SYSTEM PRESSURE TRANSMITTER                     | AIRPACK  |
| 11 | FIELD              | 320TT-8201              | M20   | 320TT-8201   | 300IDAN-820           | 300TDA820              | 13-15        | M20   | FIELD    | 1Px1.5    | 7            | 1P1.501ARGYN   | PACKAGE INLET TEMPERATURE TRANSMITTER               | AIRPACK  |
| 12 | FIELD              | 320TF-8202              | M20   | 320TF-8202   | 300IDAN-820           | 300TDA820              | 16-18        | M20   | FIELD    | 1Px1.5    | 7            | 1P1.501ARGYN   | 1ST STAGE DISCHARGE PRESSURE TRANSMITTER            | AIRPACK  |
| 13 | FIELD              | 320TT-8203              | M20   | 320TT-8203   | 300IDAN-820           | 300TDA820              | 19-21        | M20   | FIELD    | 1Px1.5    | 7            | 1P1.501ARGYN   | 2ND STAGE SUCTION TEMPERATURE TRANSMITTER           | AIRPACK  |
| 14 | FIELD              | 320TT-8204              | M20   | 320TT-8204   | 300IDAN-820           | 300TDA820              | 22-24        | M20   | FIELD    | 1Px1.5    | 7            | 1P1.501ARGYN   | 2ND STAGE DISCHARGE TEMPERATURE TRANSMITTER         | AIRPACK  |
| 15 | FIELD              | 320TF-8205              | M20   | 320TF-8205   | 300IDAN-820           | 300TDA820              | 25-27        | M20   | FIELD    | 1Px1.5    | 7            | 1P1.501ARGYN   | PACKAGE OUTLET TEMPERATURE TRANSMITTER              | AIRPACK  |
| 16 | FIELD              | 320PZLC-8201            | M20   | 320PZLC-8201 | 300IDAN-820           | 300TDA820              | 28-30        | M20   | FIELD    | 1Px1.5    | 7            | 1P1.501ARGYN   | PRESSURE CONTROL VALVE POSITION FEEDBACK            | AIRPACK  |
| 17 | FIELD              | 320PCV-8201             | M20   | 320PCV-8201  | 300IDAN-820           | 300TDA821              | 1-3          | M20   | FIELD    | 1Px1.5    | 7            | 1P1.501ARGYN   | PRESSURE CONTROL VALVE                              | AIRPACK  |

12X2.5

5X2.5

