



ASPC Project



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| END CUSTOMER | : Arya Sasol Polymer Company |
| CONTRACTOR | : DYPNF Co., Ltd. |
| VENDOR NAME | : Airpack Netherlands BV |
| EQUIPMENT DESCRIPTION | : Screw Compressor & Roots Blower |
| PURCHASE ORDER NUMBER | : PO-PC2312-08 |

Customer Document : 3944-VD-0171-DYP-RE-400-LST-0092
Number

Airpack Document Number : 23383-36

Document Title : Alarm And Trip Set Point List

| Review Code and Status | | Contractor Initials/Signature | Date signed |
|--------------------------|--|----------------------------------|----------------------|
| <input type="checkbox"/> | Code 1 REJECTED - Vendor to revise and Resubmit. Work cannot proceed | <input type="text"/> | <input type="text"/> |
| <input type="checkbox"/> | Code 2 Comments As Noted - Work May proceed, subject to compliance with and incorporation of comments | <input type="text"/> | <input type="text"/> |
| <input type="checkbox"/> | Code 3 No Comments - Work may proceed. | <input type="text"/> | <input type="text"/> |
| <input type="checkbox"/> | Code 4 Information only - Review not required. | <input type="text"/> | <input type="text"/> |

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|----------|---------------------|------------|-------------|------------|-------------|
| 01 | Issued for Approval | 14-07-2025 | SC | SC | JJ |
| 00 | Issued for Approval | 07-05-2025 | SC | SC | JJ |
| Rev. No. | Description | Date | Prepared by | Checked by | Approved by |

| TAG NUMBER | TAG NUMBER (IO List) | COMPRESSOR NO | SERVICE DESCRIPTION | INSTRUMENT TYPE | LOCATION FROM | LOCATION TO | SYSTEM TYPE | I/O TYPE | SIGNAL TYPE | CALIBRATED RANGE | ENGINEERING UNIT | SET POINT LL | SET POINT L | SET POINT H | SET POINT HH |
|---------------|----------------------|---------------|-----------------------------|-----------------------------------|---------------|-------------|-------------|----------|-------------|------------------|------------------|--------------|-------------|-------------|--------------|
| 44PI-4001003 | 44 PT - 40010 03 | 44C-4001A | Inlet Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -1 | bar.g | -0.047 | 0.013 | - | - |
| 44TI-4001056 | 44 TT - 40010 56 | 44C-4001A | Oil Temperature | Temperature Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 90 | 100 |
| 44PI-4001054 | 44 PT - 40010 54 | 44C-4001A | Oil Pressure | Pressure Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -1 -5 | bar.g | 1,8 | 1,9 | - | - |
| 44PI-4001011 | 44 PT - 40010 11 | 44C-4001A | Discharge Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -5 | bar.g | - | - | 2,003 | 2,153 |
| 44TI-4001057 | 44 TT - 40010 57 | 44C-4001A | Discharge Temperature | Temperature Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 199 | 204 |
| 44PI-4001003 | 44 PT - 40010 03 | 44C-4001B | Inlet Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -1 | bar.g | -0.047 | 0.013 | - | - |
| 44TI-4001056 | 44 TT - 40010 56 | 44C-4001B | Oil Temperature | Temperature Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 90 | 100 |
| 44PI-4001005 | 44 PT - 40010 05 | 44C-4001B | Oil Pressure | Pressure Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -1 -5 | bar.g | 1,8 | 1,9 | - | - |
| 44PI-4001001 | 47 PT - 40010 01 | 44C-4001B | Discharge Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -5 | bar.g | - | - | 2,003 | 2,153 |
| 44TI-4001057 | 44 TT - 40010 57 | 44C-4001B | Discharge Temperature | Temperature Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 199 | 204 |
| 44PDI-8004001 | 44PDT - 80010 01A | 44C-8001A | Inlet Differential Pressure | Differential Pressure Transmitter | FLD | DCS | SAH | AI | 4-20mA | -1 -1 | bar | - | - | 0,4 | - |
| 44PI-8004001 | 44 PT - 80040 01 | 44C-8001A | Inlet Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -1 | bar.g | -0.097 | -0.037 | - | - |
| 44TI-8004041 | 44 TT - 80010 56A | 44C-8001A | Oil Temperature | Temperature Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 90 | 100 |
| 44PI-8001054 | 44 PT - 80010 54A | 44C-8001A | Oil Pressure | Pressure Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -1 -5 | bar.g | 1,8 | 1,9 | - | - |
| 44PI-8004002 | 47 PT - 80010 01 | 44C-8001A | Discharge Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -5 | bar.g | - | - | 1,573 | 1,723 |
| 44TI-8004001 | 44 TT - 80010 57 | 44C-8001A | Discharge Temperature | Temperature Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 177 | 182 |
| 44PDI-8004002 | 44PDT - 80010 01B | 44C-8001B | Inlet Differential Pressure | Differential Pressure Transmitter | FLD | DCS | SAH | AI | 4-20mA | -1 -1 | bar | - | - | 0,4 | - |
| 44PI-8004003 | 44 PT - 80040 03 | 44C-8001B | Inlet Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -1 | bar.g | -0.097 | -0.037 | - | - |
| 44TI-8004042 | 44 TT - 80010 56B | 44C-8001B | Oil Temperature | Temperature Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 90 | 100 |
| 44PI-8001042 | 44 PT - 80010 54B | 44C-8001B | Oil Pressure | Pressure Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -1 -5 | bar.g | 1,8 | 1,9 | - | - |
| 44PI-8004004 | 47 PT - 80010 04 | 44C-8001B | Discharge Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -5 | bar.g | - | - | 1,573 | 1,723 |
| 44TI-8004003 | 44 TT - 80010 03 | 44C-8001B | Discharge Temperature | Temperature Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 177 | 182 |
| 44TI-8004003 | 44PDT - 80020 01A | 44C-80002A | Inlet Differential Pressure | Differential Pressure Transmitter | FLD | DCS | SAH | AI | 4-20mA | -1 -1 | bar | - | - | 0,4 | - |
| 44PI-8004005 | 44PT - 80040 05 | 44C-80002A | Inlet Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -1 | bar.g | -0.097 | -0.037 | - | - |
| 44PI-8004002 | 44PT - 80040 06 | 44C-80002A | Discharge Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -5 | bar.g | - | - | 1,083 | 1,233 |
| 44TI-8004005 | 44TT-8004005 | 44C-80002A | Discharge temperature | Temperature transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 164 | 169 |
| 44TI-8004004 | 44PDT - 80020 01B | 44C-80002B | Inlet Differential Pressure | Differential Pressure Transmitter | FLD | DCS | SAH | AI | 4-20mA | -1 -1 | bar | - | - | 0,4 | - |
| 44PI-8004009 | 44PT - 80040 09 | 44C-80002B | Inlet Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -1 | bar.g | -0.097 | -0.037 | - | - |
| 44TI-8004010 | 44PT - 80040 10 | 44C-80002B | Discharge Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -5 | bar.g | - | - | 1,083 | 1,233 |
| 44TI-8004007 | 44PT-8004007 | 44C-80002B | Discharge temperature | Temperature transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 164 | 169 |
| 44PDI-8004005 | 44PDT - 80040 01A | 44C-80004A | Inlet Differential Pressure | Differential Pressure Transmitter | FLD | DCS | SAH | AI | 4-20mA | -1 -1 | bar | - | - | 0,4 | - |
| 44PI-8004013 | 44PT - 80041 01 | 44C-80004A | Inlet Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -1 | bar.g | -0.097 | -0.037 | - | - |
| 44TI-8004043 | 44TT - 80040 56A | 44C-80004A | Oil Temperature | Temperature Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 90 | 100 |
| 44PI-8004043 | 44PT - 80040 54A | 44C-80004A | Oil Pressure | Pressure Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -1 -5 | bar.g | 1,8 | 1,9 | - | - |
| 44PI-8004014 | 44PT - 80041 02 | 44C-80004A | Discharge Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -5 | bar.g | - | - | 2,313 | 2,463 |
| 44TI-8004009 | 44TT - 80041 01 | 44C-80004A | Discharge Temperature | Temperature Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 215 | 220 |
| 44PDI-8004006 | 44PDT - 80040 01B | 44C-80004B | Inlet Differential Pressure | Differential Pressure Transmitter | FLD | DCS | SAH | AI | 4-20mA | -1 -1 | bar | - | - | 0,4 | - |
| 44PI-8004016 | 44PT - 80041 05 | 44C-80004B | Inlet Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -1 | bar.g | -0.097 | -0.037 | - | - |
| 44TI-8004044 | 44TT - 80040 56B | 44C-80004B | Oil Temperature | Temperature Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 90 | 100 |
| 44PI-8004044 | 44PT - 80040 54B | 44C-80004B | Oil Pressure | Pressure Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -1 -5 | bar.g | 1,8 | 1,9 | - | - |
| 44PI-8004017 | 44PT - 80041 06 | 44C-80004B | Discharge Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -5 | bar.g | - | - | 2,313 | 2,463 |
| 44TI-8004011 | 44TT - 80041 03 | 44C-80004B | Discharge Temperature | Temperature Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 215 | 220 |
| 44PDI-8005001 | 44PDT - 80050 01A | 44C-80005A | Inlet Differential Pressure | Differential Pressure Transmitter | FLD | DCS | SAH | AI | 4-20mA | -1 -1 | bar | - | - | 0,4 | - |
| 44PI-8005001 | 44PT - 80041 07 | 44C-80005A | Inlet Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -1 | bar.g | -0.097 | -0.037 | - | - |
| 44TI-8005041 | 44TT - 80050 56A | 44C-80005A | Oil Temperature | Temperature Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 90 | 100 |
| 44-PI-8005041 | 44-PT - 80050 54A | 44C-80005A | Oil Pressure | Pressure Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -1 -5 | bar.g | 1,8 | 1,9 | - | - |
| 44-PI-8005002 | 44-PI-80041 08 | 44C-80005A | Discharge Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -5 | bar.g | - | - | 1,523 | 1,673 |
| 44-TI-8005001 | 44-TI-80041 05 | 44C-80005A | Discharge Temperature | Temperature Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 174 | 179 |
| 44PDI-8005002 | 44PDT - 80050 01B | 44C-80005B | Inlet Differential Pressure | Differential Pressure Transmitter | FLD | DCS | SAH | AI | 4-20mA | -1 -1 | bar | - | - | 0,4 | - |
| 44PI-8005004 | 44PT - 80041 13 | 44C-80005B | Inlet Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -1 | bar.g | -0.097 | -0.037 | - | - |
| 44TI-8005042 | 44TT - 80050 56B | 44C-80005B | Oil Temperature | Temperature Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 90 | 100 |
| 44-PI-8005042 | 44-PT - 80050 54B | 44C-80005B | Oil Pressure | Pressure Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -1 -5 | bar.g | 1,8 | 1,9 | - | - |
| 44PI-8005005 | 44-PI-80041 14 | 44C-80005B | Discharge Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -5 | bar.g | - | - | 1,523 | 1,673 |
| 44-TI-8005003 | 44-TI-80041 08 | 44C-80005B | Discharge Temperature | Temperature Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 174 | 179 |
| 44PDI-8005003 | 44PDT - 80050 01C | 44C-80005C | Inlet Differential Pressure | Differential Pressure Transmitter | FLD | DCS | SAH | AI | 4-20mA | -1 -1 | bar | - | - | 0,4 | - |
| 44PI-8005006 | 44PT - 80041 11 | 44C-80005C | Inlet Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -1 | bar.g | -0.097 | -0.037 | - | - |
| 44TI-8005043 | 44TT - 80050 56C | 44C-80005C | Oil Temperature | Temperature Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 90 | 100 |
| 44-PI-8005043 | 44-PT - 80050 54C | 44C-80005C | Oil Pressure | Pressure Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -1 -5 | bar.g | 1,8 | 1,9 | - | - |
| 44-PI-8005007 | 44-PI-80041 12 | 44C-80005C | Discharge Pressure | Pressure Transmitter | FLD | DCS | SAL | AI | 4-20mA | -1 -5 | bar.g | - | - | 1,523 | 1,673 |
| 44-TI-8005004 | 44-TI-80041 07 | 44C-80005C | Discharge Temperature | Temperature Transmitter | FLD | DCS | SAHH | AI | 4-20mA | -50 -300 | °C | - | - | 174 | 179 |