



TEHCAB S.R.L. ( RIGHI GROUP ) - STRADA DELLA PACE, 21 43055 CASALE DI MEZZANI (PR)

**PROJECT: SIAD – L43206**

**ORDER: 421100430**

**INSTALLTION POSITION: PRAXAIR – CH4**

**TEST TYPE:**

PRESSURIZATION FOR HAZARDOUS GAS LOCATION

**INSTRUMENT:**

**-AIR COMPRESSOR**

MANUFACTURER: BALMA

POWER: 3KW

MAX. PRESSURE: 10 BAR

CAPACITY: 400 lt / MIN

**-PRESSURIZATION UNIT:**

PEPPERL & FUCHS 7500

**-CABINET DIMENSION:**

2000 H x 1300 L x 600 P

**-TEST SETTING:**

PURGE PROGRAM: 3 (HAZARDOUS GAS LOCATION)

PURGE TIME: 18 min.

P1: 1.00 Mbar

P2: 1.60 Mbar

P3: 1.90 Mbar

VENT OPENING PRESSURE: 3.50 Mbar

CONSTANT PRESSURE REACHED: 4.30 Mbar

TEST RESULT:

TEST TYPE	OUTCOME		NOTES
Conduit Sealing	✓	NOT OK	
Air modulation starting from the end of the set time	✓	NOT OK	
Intervention of the pressurization alarm due to pressure decrease	✓	NOT OK	
Pressurization reached within the set times	✓	NOT OK	
Maintaining internal overpressure	✓	NOT OK	

Overall result: POSITIVE