

Inspection protocol

Product: **EX-TEC® PM 580/550/500**

Serial no.:

--	--	--

Test gas: **ExTox IR**

e. g.: 050 30 0501

Gas type: Methane

Date								
	day							
	month							
	year							

1 Device condition								
1.1	Perfect condition ¹							
1.2	Fine dust filter OK ¹							
1.3	Disposable/rechargeable battery charge ²							

2 Pump check								
2.1	Pump error F100 in seal ¹							

3 Structure								
3.1	Zero point Test gas: clean air							
3.2	Sensitivity Test gas: 1000 ppm CH ₄ (Target: 1000 ppm, permissible: 700 ppm – 0.14 % vol.)							

4 Measuring								
4.1	Zero point CH ₄ Test gas: clean air (Target: 0 % vol., permissible: -1.0 – 1.0 % vol.)							
4.2	Sensitivity Test gas: 100 % vol. CH ₄ (Target: 100 % vol., permissible: 95 – 105 % vol.)							

5 Warning								
5.1	Zero point Sensitivity O ₂ Test gas: clean air							
	CH ₄ (Target: 0 % LEL/% vol., permissible: -3 – 3 % LEL or -0.15 – 0.15 % vol.)							
	CO (Target: 0 ppm, permissible: -3 – 3 ppm)							
	H ₂ S (Target: 0 ppm, permissible: -3 – 3 ppm)							
	CO ₂ (Target: 0.04 % vol., permissible: -0.02 – 0.10 % vol.)							
	O ₂ (Target: 20.9 % vol., permissible: 19.9 – 21.9 % vol.)							
5.2	Sensitivity Zero point O ₂ Test gas: ExTox IR							
	CH ₄ (Target: 2.20 % vol., permissible: 45 - 55 % LEL or 2.00 – 2.40 % vol.)							
	CO (Target: 40 ppm, permissible: 36 – 44 ppm)							
	H ₂ S (Target: 40 ppm, permissible: 36 – 44 ppm)							
	CO ₂ (Target: 2.00 % vol., permissible: 1.80 – 2.20 % vol.)							
	O ₂ (Target: 0.0 % vol., permissible: -1.0 – 1.0 % vol.)							
5.3	Visual alarm ¹							
5.4	Audible alarm ¹							

6 Comments								
	For example: – Housing damaged – Filter changed – Servicing necessary – ...							

Signature								

¹ For example: **Y** for 'Yes', **N** for 'No'

² For example: ¼

Enter current measurement values (actual values) at zero point and sensitivity.