

1.0	General status												
1.1	– Perfect condition (e.g.: Y / N)												
1.2	– Fine dust filter correct (e.g.: Y / N)												
1.3	– Disposable/rechargeable battery capacity (e.g.: ¼)												

2.0	Pump check												
2.1	– Pump error F100 in seal												

3.0	Inspection above ground												
3.1	Zero point – Display with fresh air												
3.2	Test gas 10 ppm CH ₄ – Display ≥ 8 ppm in 10 seconds												

4.0	Structure												
4.1	Zero point – Display with fresh air												
4.2	Test gas 1.00 % vol. CH ₄ – Display 0.80 – 1.20 % vol.												

5.0	Plants												
5.1	Zero point – Display with fresh air												
5.2	Test gas 1.00 % vol. CH ₄ – Display 0.80 – 1.20 % vol.												

6.0	Warning %LEL (work area monitoring)												
6.1	Zero point – Display -3 – +3 % LEL or – Display -0.15 – +0.15 % vol.												
6.2	Test gas 50 % LEL ± 2.20 % vol. CH ₄ – Display 45 – 55 % LEL or – Display 2.00 – 2.40 % vol.												
6.3	Visual alarm (e.g.: Y / N)												
6.4	Audible alarm (e.g.: Y / N)												

7.0	Warning ExTox												
7.1	Zero point – Display -0.15 – +0.15 % vol.												
7.2	Test gas 2.20 % vol. CH ₄ – Display 2.00 – 2.40 % vol.												
7.3	Test gas 2.00 % vol. CO ₂ – Display 1.80 – 2.20 % vol.												
7.4	Visual alarm (e.g.: Y / N)												
7.5	Audible alarm (e.g.: Y / N)												

8.0	Gas measuring (absence of gas)										
8.1	Zero point – Display -0.3 – +0.3 % vol.										
8.2	Test gas 100 % vol. CH ₄ – Display 98 – 102 % vol.										
9.0	Measuring in bar holes										
9.1	Zero point – Display -0.3 – +0.3 % vol.										
9.2	Test gas 100 % vol. CH ₄ – Display 98 – 102 % vol.										
9.3	Test gas 20.0 % vol. CO ₂ – Display 18.0 – 22.0 % vol.										
10.0	Further gases (optional)										
10.1	Oxygen O ₂										
	Zero point (test gas 100 % vol. CH ₄) – Display -0.5 – +0.5 % vol.										
	Test gas 17.5 % vol. – Display 17.0 – 18.0 % vol.										
	Test gas fresh air (20.9 % vol.) – Display 20.4 – 21.4 % vol.										
10.2	Hydrogen sulphide H ₂ S										
	Zero point fresh air – Display -3 – +3 ppm										
	Test gas 20 ppm – Display 17 – 23 ppm										
	Test gas 40 ppm – Display 37 – 43 ppm										
10.3	Carbon monoxide CO										
	Zero point fresh air – Display -3 – +3 ppm										
	Test gas 40 ppm – Display 37 – 43 ppm										
11.0	Ethane analysis (optional)										
11.1	Test gas 50 ppm C ₂ H ₆ in synth. air – CH ₄ : No, C ₂ H ₆ : Yes, C ₃ H ₈ : No										
11.2	Test gas 100 ppm C ₂ H ₆ , 1 % vol. CH ₄ – CH ₄ : Yes, C ₂ H ₆ : Yes, C ₃ H ₈ : No										
12.0	Comments – Housing damaged – Adjustment, repair – Inspection at factory – or similar										
13.0	Inspection										
	– Day										
	– Month										
	– Year										
	– Signature										