

Quality and Calibration Inspection Report

Name	Portable multi gas detector		Model	BH-4S	
Date	October 13, 2026		Manufacturing No.	B08U830138	
Gas	CO	H ₂ S		Ex	O ₂
Range	(0~1000)ppm	(0~100)ppm		(0~100)%LEL	(0-30)%VOL
Testing Content	CO(75/300/700)ppm; H ₂ S (20/50 /80)ppm; Ex(10%/40%/60%)LEL; O ₂ (5%/15%/25%)VOL.				
Inspection Item	Technical requirements				Result
	CO	H ₂ S	Ex	O ₂	
1. Deviation	±5ppm or ±10%	±2ppm or ±10%	±5%FS	±3%FS	Qualified
2. Repetition	≤2%	≤2%	≤2%	≤1%	Qualified
3. Zero drift	±3 ppm	±2%FS	±3%FS	±1%FS	Qualified
4. Span drift	±5%	±3%FS	±2%FS	±1%FS	Qualified
5. Response time		Diffusion≤60s			Qualified
6. Appearance		Appearance should be smooth, neat			Qualified
7. Sign and mark		Sign and mark:complete, correct			Qualified
8. Electrified inspection		Electrified inspection normal			Qualified
9. Insulation resistance		≥20MΩ			Qualified
10. Alarm function		Sound, light, vibration alarm normal			Qualified
11. Alarm value	CO ppm	H ₂ S ppm	Ex %LEL	O ₂ %VOL	Qualified
	50/150	10/35	20/50	19.5/23.5	
12. Calibration	CO ppm	H ₂ S ppm	Ex %LEL	O ₂ %VOL	Qualified
	500	50	50	20.9	
Result	Qualified	Quality Inspector			Yongchao XU
		Checked by			Yuehui Sun
		Inspection date			October 13, 2026