Quality and Calibration Inspection Report

Name	Portable multi gas detector			Model	K40		
Date	October 13, 2026			Serial No.	B35U065209		
Gas	CO		H2S		Ex	O2	
Range	(0~500)ppm		(0~100)ppm		(0~100)%LEL	(0-30)%VOL	
Testing Content	CO(75/150/350)ppm; H2S(20/50 /80)ppm; EX(10%/40%/60%)LEL; O2(5%/15%/25%)VOL.						

Inspection Item	Technical requirements				Result
	CO	H2S	EX	O2	
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	H2S ppm	EX %LEL	O2 %VOL	Qualified
	50/150	10/35	20/50	19.5/23.5	
12. Calibration	CO ppm	H2S ppm	EX %LEL	O2 %VOL	Qualified
	250	50	50	20.9	

Result		
	Quality Inspector	Yongchao Xu
	Checked by	Yuehui Sun
	Inspection date	October 13, 2026

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