

DATA SHEET FOR CONDUCTING RESPONSE TIME TEST

Analyzer _____

Monitor _____
 Serial No: _____
 Tag No: _____

Cal Gas: _____
 Zero Gas: _____
 Span Gas: _____

Cylinder # _____
 Concentration: _____

1% of Analyzer Span: _____

Event	Stable Values			Response Time		0:00 Result	0:15 Result	0:30 Result	0:45 Result	1:00 Result	1:15 Result	1:30 Result	1:45 Result	2:00 Result	2:15 Result	2:30 Result ^(c)	
	Calibration Gas	Stack Gas ^(a)	95% of Final ^(b)	Upscale (sec)	Downscale (sec)												
Zero Gas 30 second change																	
Span Gas 30 second change																	
Zero Gas 30 second change																	
Span Gas 30 second change																	
Zero Gas 30 second change																	
Span Gas 30 second change																	
Zero Gas 30 second change																	
Span Gas 30 second change																	
Zero Gas 30 second change																	
Average RT																	
System RT ^(d)																	

- (a) Stable value is when reading has no change greater than 1% of Span for 30 seconds.
- (b) For Upscale reading "95% of Final = 0.95 (final stable reading)"; For Downscale reading "95% of Final = (Final stable upscale reading*.05%)"
- (c) To establish a stable reading
- (d) The higher of the up and down scale mean value.

Performed by: _____
 Inspected by: _____

Date: _____
 Start Time: _____