

**Environmental Health Program- Environmental Health Survey
Instrument Calibration & Check Form**

Operator's Name(s): _____ Date: _____
 Barometric Pressure: _____

Instrument / ID #:	Parameter	Zero Chk	Chk Std Conc.	Measured Value	% Rec.	Accept. Range	P / F	Comments	Operator Init.
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Extech HD-500 Thermohygrometer w/ IR Thermometer

ID #	Temp.	NA	Ref-			+/- 1°F			
	RH	NA	Ref-			+/- 3%			
ID #	Temp.	NA	Ref-			+/- 1°F			
	RH	NA	Ref-			+/- 3%			

***Compared to NIST certified thermohygrometer

CO Detectors

Gas Alert Extreme	CO		35 ppm	ppm		31.5 - 38.5			
Gas Alert Extreme	CO		35 ppm	ppm		31.5 - 38.5			

***Calibrate instrument using "Zero Air" and CO at 35 ppm

Combustible Gas Detectors

ID #	LEL		spike with LEL						
ID #	LEL		spike with LEL						

***Response occurs when exposed to any combustible gas (50% LEL span gas)

Tramex or Protimeter Moisture Meter

ID #	% Moisture		100%						
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***Response measured when placed against one's hand

Dragon Puffer Vapor Generator

ID #	% Moisture		100%						
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***Response measured when placed against one's hand

Multi-Gas Detector (circle which one was calibrated)

ID #	CO		35 ppm	ppm		31.5 - 38.5			
	TVOC		10.0* ppm	ppm		9.0 - 11.0			
	NO2		5.0 ppm	ppm		4.5 - 5.5			
	LEL		50%	%		45 - 55			

Laser Particle Counter

Instrument / ID #:	Parameter	Zero Chk	P / F	Comments	Operator Init.
ID #	Fn Ptcl				
ID #	Fn Ptcl				

Air Samplers

Instrument / ID #:	Target Flow L / min.	Flow Rate L / min	Accept. Range	P / F	Comments	Operator Init.
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Fungal Air Samplers

ID #	15.0		13.5 - 16.5			
ID #	15.0		13.5 - 16.5			

Hygiene Sampling Pumps

ID #	0.20		0.18 - 0.22			
ID #	0.20		0.18 - 0.22			

Viable Sampling Pumps

ID #	15.0		13.5 - 16.5			
ID #	15.0		13.5 - 16.5			