|  |  |  |  |
| --- | --- | --- | --- |
| Date: | Click here to enter a date |  |  |
| Location: | Click here to enter text | Temperature: | °C |
| Performed by: | Name of operator | Barometric Pressure: | Text. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Monitor:** |  |  |  | | |
| Make/model: | Make/model | Serial number:: | s/n | | |
| Inlet flow (sccm): | Inlet flow. | Range ppm: | CH4 Range | NMHC Range | THC Range |
| Last calibration date: | Click to enter date | As found Cc/Ci: | CH4 Cc/Ci. | NMHC Cc/Ci. | THC Cc/Ci. |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Before Calibration:** |  | **After Calibration:** |
| CH4 Cal Factor: | Factor | CH4 Cal Factor: | Factor |
| NMHC Cal Factor: | Factor | NMHC Cal Factor: | Factor |
| THC Cal Factor: | Factor | THC Cal Factor: | Factor |
| Span Value (CH4/NMHC): | Span value | Span Value (CH4/NMHC): | Span value |

|  |  |  |  |
| --- | --- | --- | --- |
| **Calibration Method:** Method | | | |
| **Calibrator:** |  |  |  |
| Make/model: | Make/model | Serial number: | s/n |
| Flow Device #: | Flow device number | Zero Air ID#: | ID number |
| Gas Cylinder #: | Cylinder number |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| CH4 Conc (ppm): | # | CH4 Equiv (propane only) (ppm): | # |
| Propane Conc (ppm): | # | Total CH4 Equiv (ppm): | # |
| Calibration standard certificate expiration date: Click here to enter a date. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Calibrator Reference Settings:** | | | | |
| Flows | Zero | High | Mid | Low |
| Dilution | # | # | # | # |
| Gas |  | # | # | # |

**Calibration:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Calibrator Measured | | | Calculated Conc. | | | Indicated Conc. (Ci) | | | | | | Final | | |
| Flows | | | (Cc) (ppm) | | | CH4 | | NMHC | | THC | |  | Cc/Ci |  |
| Air | Gas | Total | CH4 | NMHC | THC | Initial | Final | Initial | Final | Initial | Final | CH4 | NMHC | THC |
| # | 0.00 | # | # | 0.0000 | 0.0000 | # | # | # | # | # | # |  |  |  |
| # | # | # | # | # | # | # | # | # | # | # | # | # | # | # |
| # | # | # | # | # | # |  | # |  | # |  | # | # | # | # |
| # | # | # | # | # | # |  | # |  | # |  | # | # | # | # |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | Average Correction Factors (CF) = | # | # | # |

|  |  |
| --- | --- |
| **Linear Regression Analysis:** | Y = mx + b (where x = calculated concentration, y = indicated concentration) |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **CH4** | **NMHC** | **THC** |
| Correlation Coefficient: | # | # | # |
| m (slope): | # | # | # |
| b (intercept as % of full scale): | # | # | # |

|  |
| --- |
| **Remarks:** Click here to enter text |

**Next Calibration due by:** Click here to enter a date