**Analyzer Calibration:** Indicate parameter.

|  |  |  |  |
| --- | --- | --- | --- |
| 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: | Range. |
| Last calibration date: | Click to enter date. | As found Cc/Ci: | Cc/Ci. |
|  |  |  |  |
|  | **Before Calibration:** |  | **After Calibration:** |
| Background PPB: | Bkgd | Background PPB: | Bkgd |
| Coefficient: | Coefficient | Coefficient: | Coefficient |
| Span Value: | Span value | Span Value: | Span value |

|  |  |  |  |
| --- | --- | --- | --- |
| **Calibration Method:** Method | | | |
| **Calibrator:** |  |  |  |
| Make/model: | Make/model | Serial number: | s/n |
| Gas Cylinder #: | Cylinder number | Concentration (ppm): | ppm |
| Flow Device #: | Flow device number | Zero Air ID#: | ID number |
| Calibration standard certificate expiration date: Click here to enter a date. | | | |

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

**Calibration:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Calibrator Measured Flow  (sccm) | | | Calculated Concentration (Cc) | Indicated Concentration (Ci)  (ppm) | | Cc/Ci  Ratio | |
| Air | Gas | Total | (ppm) | Initial | Final | Initial | Final |
| # | 0.00 | # | 0.0000 | # | # |  |  |
| # | # | # | # | # | # | # | # |
| # | # | # | # |  | # |  | # |
| # | # | # | # |  | # |  | # |
|  | | | Average Correction Factor (CF) = | | | # | |
| **True Concentration (ppm):** | | | Indicated conc (ppm)\* Average CF | | | | |

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