**Module 3: Commonly Used Acronyms**

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| **A** |
| ACA – absolute calibration audits |
| ASTM – American Society for Testing and Materials |
| **C** |
| CD – calibration drift |
| CE – calibration error |
| CEMS – continuous emissions monitoring systems |
| CERMS – continuous emissions rate monitoring systems |
| CFR – Code of Federal Regulations |
| CGA – cylinder gas audit |
| CMS – continuous monitoring systems |
| CO – carbon monoxide |
| CO2 – carbon dioxide |
| COMS – continuous opacity monitoring systems |
| CRDS – cavity ring-down spectroscopy |
| CTS – calibration transfer standard |
| **D** |
| DSA – dynamic spike audit |
| **F** |
| FID – flame ionization detector |
| FPD– flame photometric detector |
| FTIR – fourier transform infrared |
| **G** |
| GC – gas chromatography |
| GFC – gas filter correlation |
| **H** |
| H2S – hydrogen sulfide |
| HAPs – hazardous air pollutants |
| HCl – hydrogen chloride |
| Hg– mercury |
| **I** |
| IP–CEMS – integrated path CEMS |
| IR – infrared |
| **L** |
| LED – light-emitting diode |
| LOD – level of detection |
| **M** |
| ME – measurement error |
| MP – measured value of stack pressure |
| **N** |
| NDIR – Non-dispersive infrared |
| NIST – National Institute of Standards and Technology |
| NOx– oxides of nitrogen |
| **O** |
| O2 – oxygen |
| OOC – out-of-control |
| **P** |
| PEMS – predictive emissions monitoring systems |
| PM – particulate matter |
| PS– performance specification |
| **Q** |
| QA – quality assurance |
| QC – quality control |
| QGA – quarterly gas audit |
| **R** |
| RA– relative accuracy |
| RAA – relative accuracy audit |
| RATA – relative accuracy test audit |
| RCA – response correlation audit |
| RM – reference method |
| RMSD – root mean square deviation |
| RRA – relative response audit |
| **S** |
| SA– standard addition |
| SO2 – sulfur dioxide |
| SVA – sample volume audits |
| **T** |
| TCD – thermal-conductivity detector |
| TDL – tunable diode laser |
| THC – total hydrocarbons |
| TRS – total reduced sulfur |
| **U** |
| UV – ultraviolet |
| **V** |
| VOC – volatile organic carbons |
| VP – calibrated pressure reference device |