

European Standards for Extractive Periodic Stack Monitoring

Extractive isokinetic methods using filter and /or adsorbent collection methods and laboratory analysis

Parameter	European Standard
Total Particulate Matter	EN 13284
PM10 / PM2.5	EN 23210
Metals	EN 14385
Mercury	EN 13211
Dioxins and Furans	EN 1948
Poly Aromatic Hydrocarbons	EN 11338
Polychlorinated Biphenols	EN 1948

Extractive methods using on-site instrumental analysis

Parameter	European Standard
Carbon dioxide	EN 15058
Nitrogen oxides	EN 14792
Volatile organic compounds	EN 12619

Extractive methods using Impinger Collection Methods and Laboratory Analysis

Parameter	European Standard
Sulphur dioxide	EN 14791
Hydrogen chloride	EN 1911
Hydrogen fluoride	EN 15713

Supplementary Tests for the correction of results to standard reference conditions and to determine mass emissions

Parameter / Test	European Standard
Oxygen	EN 14789
Moisture	EN 14790
Flow	EN 16911

Supporting Procedures

Supporting Procedures	European Standard
Sampling Strategy	EN 15259
Calibration of CEMS	EN 14181

Reference

Environment Agency (2013) *Technical Guidance Note (Monitoring) M2 Monitoring of stack emissions to air* Version 10. October 2013.

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/301145/TGN_M2_Monitoring_of_Stack_Emissions_to_Air.pdf