

Checklist for enquiries – gas analysis

Company:	Project/enquiry:																
Quantity																	
Application																	
Type of gas to be measured (designation)	<input type="checkbox"/> Flue gas <input type="checkbox"/> Exhaust gas <input type="checkbox"/> Natural gas <input type="checkbox"/> Inert gas <input type="checkbox"/> Process gas <input type="checkbox"/> Ambient air																
Fuel type (for flue gas measurement)	<input type="checkbox"/> Gas <input type="checkbox"/> Oil <input type="checkbox"/> Coal <input type="checkbox"/> Waste <input type="checkbox"/> Wood <input type="checkbox"/> Other: _____																
Composition of gas to be measured	<table border="0" style="width: 100%;"> <tr> <td style="width: 60%;">Concentration range (physical unit)*</td> <td style="width: 40%;">Measured component**</td> </tr> <tr> <td>_____</td> <td>_____ <input type="checkbox"/></td> </tr> <tr> <td>_____</td> <td>_____ <input type="checkbox"/></td> </tr> <tr> <td>_____</td> <td>_____ <input type="checkbox"/></td> </tr> <tr> <td>_____</td> <td>_____ <input type="checkbox"/></td> </tr> <tr> <td>_____</td> <td>_____ <input type="checkbox"/></td> </tr> <tr> <td>_____</td> <td>_____ <input type="checkbox"/></td> </tr> <tr> <td>_____</td> <td>_____ <input type="checkbox"/></td> </tr> </table> <p style="text-align: left;">*mg/m³, ppm, Vol. %</p> <p style="text-align: right;">**Please check</p>	Concentration range (physical unit)*	Measured component**	_____	_____ <input type="checkbox"/>	_____	_____ <input type="checkbox"/>	_____	_____ <input type="checkbox"/>	_____	_____ <input type="checkbox"/>	_____	_____ <input type="checkbox"/>	_____	_____ <input type="checkbox"/>	_____	_____ <input type="checkbox"/>
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Measuring point	<input type="checkbox"/> Continuous measurement <input type="checkbox"/> Discontinuous measurement (selectable)																
Dew point of gas to be measured Separation of water possible?	_____ °C <input type="checkbox"/> No <input type="checkbox"/> Yes, gas cooler already available <input type="checkbox"/> Yes, please offer gas cooler																
Desired temperature in gas paths	<input type="checkbox"/> Not heated <input type="checkbox"/> Frost protection <input type="checkbox"/> High temperature version (max. 200 °C)																
Pressure of gas at sampling point	<input type="checkbox"/> Minimum _____ mbar <input type="checkbox"/> Mean _____ mbar <input type="checkbox"/> Maximum _____ mbar																
Temperature of gas at sampling point	<input type="checkbox"/> Minimum _____ °C <input type="checkbox"/> Mean _____ °C <input type="checkbox"/> Maximum _____ °C																
Sampling point	<input type="checkbox"/> Outdoor <input type="checkbox"/> Indoor <input type="checkbox"/> Ex zone at sampling point, Class: _____, Zone: _____, Group: _____																
Ambient temperature at installation site	<input type="checkbox"/> Minimum _____ °C <input type="checkbox"/> Mean _____ °C <input type="checkbox"/> Maximum _____ °C																
Installation site	<input type="checkbox"/> Outdoor <input type="checkbox"/> Indoor <input type="checkbox"/> Ex zone at sampling point, Class: _____, Zone: _____, Group: _____																
Pollution of gas to be measured, e.g. tar fog, coal dust, fly ash, metal dust, etc.	_____ mg/m ³ _____ mg/m ³ _____ mg/m ³																

