



Appendix B4

QA/QC Unit – Intercalibration Summary Report

Site Name \_\_\_\_\_

AEA Operator \_\_\_\_\_

Start Date / Time \_\_\_\_\_

Extensive tests on the following analysers and systems were undertaken:

NO <sub>x</sub>	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>	Cylinders	Infrastructure	Inlet

There were no faults / The following faults were identified at the audit visit

NO <sub>x</sub>	
Converter below 95% / above 105%	<input type="checkbox"/>
Leak / flow test failed	<input type="checkbox"/>
Poor instrument response characteristics	<input type="checkbox"/>
SO <sub>2</sub>	
Response to m-xylene > 50ppb	<input type="checkbox"/>
Leak / flow test failed	<input type="checkbox"/>
Poor instrument response characteristics	<input type="checkbox"/>
CO	
Leak / flow test failed	<input type="checkbox"/>
Poor instrument response characteristics	<input type="checkbox"/>
O <sub>3</sub>	
Analyser > 25% out from photometer	<input type="checkbox"/>
Leak / flow test failed	<input type="checkbox"/>
Poor instrument response characteristics	<input type="checkbox"/>
PM <sub>10</sub>	
K <sub>0</sub> > 2.5% out from stated value	<input type="checkbox"/>
Leak test failed	<input type="checkbox"/>
Flow rates > 10% from stated values	<input type="checkbox"/>
PM <sub>2.5</sub>	
K <sub>0</sub> > 2.5% out from stated value	<input type="checkbox"/>
Leak test failed	<input type="checkbox"/>
Flow rates > 10% from stated values	<input type="checkbox"/>
PM analyser flowrates different	<input type="checkbox"/>
Cylinders outwith expected concentration	<input type="checkbox"/>
Site Infrastructure:	
The Management Unit has been informed.	
The CMCU will arrange repair / You must contact the ESU to arrange repair ASAP. If necessary, please contact AEA if you need any advice on appropriate courses of action. Contact 0870 1906001	