

# **Energy Audit Inspection Report**

## **Boiler Inspection**

***Date report issued:***

***Name of Company audited***

***Address of Company audited***

***Name of person carrying out the energy audit***

***Name of company carrying out the energy audit***

***Address of company carrying out the energy audit***

***Contact details of company carrying out the energy audit***

Name of Assessor	Assessor Signature	Date of Inspection

<b>Organisation</b>	
<b>Address</b>	
<b>Building Maintenance Manager</b>	

<b>Equipment inspection</b>	
<b>Equipment</b>	
<b>Location</b>	
<b>Areas served</b>	

<b>Inspection of documentation and records</b>	
<b>Boiler maintenance log books</b>	
<b>Maintenance regime</b>	
<b>Water treatment</b>	
<b>Electrical suppliers</b>	

<b>Inspection of equipment</b>	
<b>Checklist reference</b>	<b>Observations and advice</b>
<b>Plant location</b>	
<b>Equipment within the boiler house</b>	
<b>Maintenance regime</b>	
<b>Plant size in relation to cooling load</b>	
<b>Usage/metering</b>	
<b>Equipment list</b>	
<b>Time control</b>	
<b>Control and sensors</b>	
<b>Metering</b>	
<b>Oil store</b>	
<b>Fuel delivery system and fire alarm</b>	

<b>Inspection of equipment</b>	
<b>Checklist reference</b>	<b>Observations and advice</b>
<b>Plant Room cleanliness – Health &amp; Safety</b>	
<b>Signs of leakage</b>	
<b>Operation</b>	
<b>Ventilation</b>	

<b>Inspection of equipment: system controls</b>	
<b>Checklist Reference</b>	<b>Observations and advice</b>
<b>Adequacy of Ventilation</b>	
<b>Adequate exhaust discharge system</b>	
<b>Water Treatment</b>	
<b>Pressure relief and discharge pipes</b>	
<b>Fuel supply</b>	
<b>Safety interlocks</b>	
<b>Electricity supply</b>	
<b>Combustion efficiency</b>	
<b>Boiler log book</b>	
<b>Labelling</b>	
<b>Operation</b>	
<b>Pipework lagging</b>	

Summary of recommendations	
Item	Observations and recommendations
General Comments:	<p>The recommendations are divided into three categories:</p>
Category 1	Category 1 – Short term recommendations
Category 2	Category 2 – Medium term recommendations
Category 3	Category 3 – Long term recommendations
	<p><b>An explanation of the above is as follows:</b></p> <p><b>Category 1: These recommendations should be implemented within the following six months.</b></p> <p><b>Category 2: These recommendations should be implemented prior to the date of the next inspection in 2 years' time.</b></p> <p><b>Category 3: These recommendations are worthy of consideration should funding be made available. They will assist in the monitoring of the installation although their incorporation will not in itself increase the energy performance.</b></p> <p><b>It is recognised that the performance of an installation is dependent on its efficiency. If a higher efficiency implies an increased performance for the same cost then the financial incentive to improve the installation can be justified on payback terms.</b></p>