



## NTET Coal Trials - Diary Sheet



The NTET is keen to be able to advise owners and crew of road going and portable engines and miniatures of the availability, suitability and economics of using the various types of coal currently on the market and in the future.

If you feel able to assist in this process please complete a copy of this diary sheet each time you steam for the next five or six occasions and send it on each occasion via email to coal.trials@ntet.co.uk. You may also post it to 'Coal Trials, NTET, 4 Church Green East, Redditch. Worcestershire. B98 8BT.

**NB:** All data provided will remain anonymous and will not be used elsewhere

<b>Section 1:</b> About the Engine	This section is to understand the type of engine being used for the trial.													
	<b>Make and type of Engine:</b> e.g. Aveling Roller Include scale if a miniature					<b>Cylinder Arrangement:</b> e.g. Single cylinder slide valve			<b>NHP or Weight</b>		<b>SWP</b>			
<b>Section 2:</b> About the Activity	This section is to understand what type of activity you are undertaking with the engine and selected fuel in the trial. E.g. a road run, woodsawing, low activity trial steaming etc.													
	<b>Date of Activity:</b>													
	<b>Type of Activity Undertaken:</b>													
	<b>Weather conditions:</b>													
	<b>Distance Covered:</b>													
	<b>Type of Terrain:</b>													
	<b>Approx weight of trailer(s):</b>													
	<b>Time to Raise Steam: Hrs</b>													
	<b>Total Time In Steam: Hrs</b>													
	<b>Total Coal Consumed:</b>													
<b>Section 3:</b> About the Fuel	This section is to understand the fuel type being used in the trial.													
	<b>Fuel Type: Solid Coal / Eco Fuel</b>													
	<b>Fuel Brand Name/Source:</b>													
	<b>Cost of fuel /tonne:</b>													
	<b>Observations/Comments:</b>													
<b>Section 4:</b> Observations	This section is to help capture consistent observations of the fuel behaviour in the trial. Mark as appropriate where 1 = Poor to 5 = Totally Acceptable													
	Does the fuel ignite easily				1		2		3		4		5	
	Does the fuel burn cleanly?				1		2		3		4		5	
	Does the fuel burn hot?				1		2		3		4		5	
	Is the fuel economical to use?				1		2		3		4		5	
	Does the fuel tolerate long periods of inactivity?				1		2		3		4		5	
	Does manufactured fuel perform well under load?				1		2		3		4		5	
	Does the fuel clinker?				1		2		3		4		5	
	Does the ash content present problems?				1		2		3		4		5	
<b>Section 5:</b> Comments	This section is for any additional observations or comments that are not covered above.													