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| **Return to** [**coal@bvrw.co.uk**](mailto:coal@bvrw.co.uk) | |
| **Fuel Trial Record** | |
| Fuel being tested |  |
| Test Railway |  |
| Date of Test |  |
| Locomotive type, Name and Number |  |
| Description of train consist |  |
| Driver |  |
| Fireman |  |
| Test Observer |  |
| **Observations and footplate crew comments** | |
| Locomotive preparation | |
| Lighting up including   * Ease of ignition * Time to raise steam * Smoke generation |  |
| Operation | |
| Train haulage including   * Under load * Coasting * Run round * Smoke colour and odour * Rapidity of ignition of fresh coal * Freedom of steaming * Evidence of clinker * Evidence of unburnt fuel loss/spark throwing * Fire shape used   e.g. saucer, level, wedge, haycock etc   * Is locomotive fitted with a brickarch? * Was secondary air used? |  |

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| Disposal | |
| Smokebox   * Quantity of char * Evidence of blocked tubes * Unusual deposits on internal surfaces |  |
| Firebox   * Evidence of clinker * Evidence of birds nests * Unusual deposits on internal   surfaces |  |
| Ashpan   * Quantity of ash * Evidence of unburnt fuel particles |  |
| **Qualitative scoring of fuel performance by footplate crew** | |
| Freedom of steaming  1=Poor 5= good |  |
| Coal ignition time 1=slow  5=fast |  |
| Smoke colour 1=black  5=clear |  |
| Smoke odour  1=unacceptable 5= low |  |
| Unburnt fuel loss/spark throwing 1=high 5=low |  |
| Clinker and birds nest  formation 1=high 5=low |  |
| Quantity of fuel used  1=high 5=low |  |
| Quantity of char in smokebox 1=high 5=low |  |
| Quantity of ash in ashpan  1=high 5=low |  |
| **Other Observations/Comments** | |
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