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| **Return to** **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 steaming1=Poor 5= good |  |
| Coal ignition time 1=slow5=fast |  |
| Smoke colour 1=black5=clear |  |
| Smoke odour1=unacceptable 5= low |  |
| Unburnt fuel loss/spark throwing 1=high 5=low |  |
| Clinker and birds nestformation 1=high 5=low |  |
| Quantity of fuel used1=high 5=low |  |
| Quantity of char in smokebox 1=high 5=low |  |
| Quantity of ash in ashpan1=high 5=low |  |
| **Other Observations/Comments** |
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