



NARROW GAUGE & INDUSTRIAL RAILWAY COLLECTION

Wickham and Electric Loco Brake Test

Test Wickham trailer and loco as 2 separate units although they may remain coupled throughout.

Both operations may be carried out in the running shed provided the line is clear of other locos.

Wickham Trailer

Charge up air system as normal, release hand brake push the trailer away from the loco, lower the train line air pressure to just below 50 psi, try to push the trailer towards the loco and make sure it will not roll and that brakes are applied. Gently increase air pressure in the train line until trailer can just be pushed backwards and forwards using the slack in the coupling to the loco.

Note the pressure, fails test if releasing below 50psi.

Electric Loco

Exhaust the air pressure in the train line. Sitting in the driver's seat in the trailer slightly open the release valve to allow air in from the reservoir slowly so that pressure gauge can just be seen to rise. Whilst this is happening press the green "go" button with one hand and at the same time operate the "dead man switch"

with the other hand and watching the air pressure in the train line. Note the pressure at which the loco starts to move. Releasing the dead man switch will stop all movement. Loco passes brake test if release is at a higher pressure than the trailer.