

WORK DONE IN 2018

FRAMES

- Final riveting on cab undertaken
- Cab re-fitted
- Continuation of cab floor platework and splash plates etc
- Rear cab windows fitted to cab
- R/H tank/frame filler plate and vacuum pump access door being made
- Tool box lid hinges fitted
- Brake pull rods installed and pinned up
- Draincock linkage fettled
- Cylinder cladding fettled to allow fit of chest drain pipework
- New brake beam safety chains made and fitted where necessary
- Drain cock operating levers made and fitted in cab

PIPEWORK

- Injectors fitted
- Injector overflow pipes made and fitted
- Injector delivery pipes made and fitted up to the top of the tanks
- All associated injector pipe clips made and fitted
- Vacuum train pipe made up to cab floor level
- Vacuum pump oil feeds finished off
- Draincocks fitted
- Chest drainpipes made and fitted

MOTION

- New bushes made and fitted into expansion links
- New thrust washers made and fitted to various components
- New bushes and pins made and fitted into drop links
- Lots of new valve gear pins made and hardened
- New bushes made and pressed into rocking shafts
- Various new nuts made for valve gear

- Eccentric white metal bearings cast
- Eccentrics sent away for machining
- Eccentrics scraped and fitted onto respective sheaves with new nuts
- Eccentric rods cleaned, painted and fitted
- New dieblocks bored out to fit new pins
- Dieblocks fitted into expansion links
- Dieblock side plates fettled then riveted together into expansion links
- Valve gear all assembled onto engine
- L/H rocker cap machined and precision shims made and fitted
- Valve rod links cleaned/inspected and ready for fitting
- Piston heads fitted to rods. Rods being machined for cross heads fitting
- All trimmings made for motion oil pots and fitted
- Valve cover ends acquired and machined
- Valve bores all bored out ready to accept new valves
- Slidebar fitting and alignment started

BOILER

- Corrosion on front barrel rivet seam built up
- Front barrel section riveted in
- Lap seam rivet replacement where accessible
- D patch in rear barrel finally welded in and NDT tested
- Ashpan built up on foundation ring and loosely assembled
- Ashpan welded on purpose-made stand
- Damper door hinges and brackets made and fitted
- Damper doors made
- Damper door linkages rebuilt
- Smokebox dart bar finally finished
- Steam pipe gland plates ready for finishing when the time comes
- Superheater header cleaned out and crack tested
- Superheater header steam pipes cleaned up
- Main steam pipes stripped and new materials purchased for replacements
- Throat plate measuring started prior to cutting

SHINEY BITS

- Sniffing valves machined and fitted
- Swab boxes machined
- Masons valve completed
- Condensing coil made
- All fitting for pep pipe and ash pan watering cock made
- Water valve machining completed