



PROCEDURE

Where steam locomotives are utilised, they are operated in accordance with NSW Government Railways manuals "The Operation and Management of Steam Locomotives, Part 1, 1961 author F.P.Heard CME" and "The Operation and Management of Steam Locomotives, Part 2, 1963, F.P.Heard CME."

Where steam locomotives are required to enter the electrified City Rail area, crews must take extreme care to ensure that they do not climb on tenders and keep their fire irons down. Tender and water gin filling hatch lids should be opened prior to entering the electrified area and should remain open during the entire transit of the electrified area. This will alleviate the need for any unnecessary climbing on tender during watering operations. Water filling operations should be carried out at water columns where possible. At other locations water may have to be supplied by road tanker or another source. Where possible the connections at the base of the tender or water gins should be utilised for filling tanks. Steam locomotives will not operate during periods of total fire ban.

EMERGENCY PROCEDURE FOR PRESSURE VESSEL FAILURE

In any instance where the boiler feed water is interrupted for an extended period, or where the supply is depleted, where a substantial steam leakage occurs from the boiler barrel, tube plates, wash out plugs, fusible plug or foundation ring of the boiler, or at any time when the integrity of the pressure vessel cannot be guaranteed, this emergency procedure must be applied.

DRIVER:

1. Stop train immediately.
2. Operate rocker grates and drop the fire into ash pan.
3. Leave injector feeds on if possible.
4. Secure train and locomotive with handbrakes.
5. Evacuate locomotive cab if necessary.
6. Advise the Network Control Officer of the failure, whether total or partial, and the level of protection required.
7. Assist with repairs, replenishing water supply or relighting in cases of partial or temporary failure.
8. Standby to assist crew of relief locomotive in the event of total failure.

FIREMAN:

1. On the Drivers direction, operate rocker grates to drop fire.
2. Where possible leave injector feeds on.
3. Secure locomotive and train with handbrakes.
4. Evacuate locomotive cab if necessary.
5. Assist the guard with train protection.
6. Assist with repairs, replenishing water supply or relighting in cases of partial or temporary failure.
7. Standby to assist crew of relief locomotive in the event of total failure.

OPERATIONS & MANAGEMENT OF STEAM LOCOMOTIVES

LVOP 520



NOTE:

Portable ash pans are carried in the brake van of all Steam hauled services. They may be used when pit facilities are unavailable or in case of emergency.

Disposal of spent ashes from any network will be carried out by the society.

RELATED DOCUMENTS:

- LVR Operator Specific LVOP 402
- TOC Manual