

Government of India
Ministry of Railways
Research, Designs & Standards Organisation
Manak Nagar, Lucknow - 226 011

No. EL/3.1.3/37

MODIFICATION SHEET No. RDSO/WAM4/49

1. **Title of Modification:**
Additional currant for oil pipe between MPH and conservator tank.
2. **Application of Close of Locomotive:**
WAM4 and WCA1 locomotives.
3. **Object of modification:**
The oil pipe connecting the oil pump and the conservator tank is at present supported by two clamps in majority of locomotives and is prone to breakage due to vibrations. In order to minimise such occurrences, it is proposed to provide two additional clamps to support the oil pipe at equal intervals by four such clamps instead of two. The maximum distance between two clamps should not exceed 340 mm.
4. **Modification drawing No.:-**
RDSO SKEL-2702.
5. **Agency for Modification:-**
Railways: all existing locomotives.
Chittaranjan Locomotives Works; Locomotives under production and future builds.
6. (a) **Material required and Specification:-**
Two number fixing clamps item 8 as per drawing SKEL-2702.
(b) Material rendered Surplus:
Nil
7. **Work to be Carried Out:**
Two additional clamps should be welded one on the radiation for fueling and the other on the fan casing will be supported by the four clamps as per drawing No. SKEL-2702,
8. **Reference:**

9. **Distribution:**

Secretary (Elec Traction), Railway board, New Delhi

General Manager (Electrical)

Central Railway, Bombay VT

Eastern Railway, Fairly Place, Calcutta,

Northern Railway, Baroda House New Delhi,

South Eastern Railway, Garden Reach, Calcutta,

Western Railway, Churchage, Bombay,

Chittaranjan Locomotive Works, Chittaranjan, W. Bengal

Superintendent Workshop

Eastern Railway, Kancharapara.

Dy Chief Elec Engineer

Central Railway, POH Shop, Bhusaval,

Eastern Railway, Kancharapara.

Dy Chief Elec Engineer (Design)

Chittaranjan Locomotive Works, Chittaranjan

Senior Divisional Elec Engineer (TRS)

Central Railway, Kalyan

Eastern Railway, Asansol/Mughalsarai

Northern Railway, Kanpur

South Eastern Railway, Tatanagar/Bhilai.

Divisional Elec Engineer (TRS)

Central Railway, Bhusaval

Northern Railway, Ghaziabad

Western Railway, Baroda (Gujrata)

Dy director Inspection (Elec)/RDSO

C/o Chittaranjan Locomotive Works, Chittaranjan, W. Bengal.

10. Remarks, if any:

This modification should be incorporated with Mod. Sheet No. RDSO/WAM4/53 support for MPH.



(S. Malaviya)
for Director General/Elec.