

INDIAN RAILWAYS BRIDGE MANUAL

EDITION – 1998

ADVANCE CORRECTION SLIP NO. 26 Dated 23.08.2013

(i) Existing Para 217.2 (a)(ii) is to be replaced as below:

217.2 (a) (ii)

Finishing Coat:

Two cover coats of paint to IS:13607 with colour/shade to be specified by Zonal Railway or any other approved paint applied over the primer coats.

Note: (i) The colour/shade of finishing coat should be generally matching with the Smoke Grey colour/shade No. ISC 692 mentioned in IS:5-2004.

(ii) The colour/shade can be changed by CBE as per the local requirements.

(ii) Existing Para 217.2 (c) is to be replaced as below:

Para 217. 2 (c)

In case where the priming coat is in good condition the steel work is painted with two coats of paint to IS:13607 with colour/shade to be specified by Zonal Railway or paint aluminium to IS:2339 depending on the severity of corrosion.

Note: (i) The colour/shade of finishing coat should be generally matching with the Smoke Grey colour/shade No. ISC 692 mentioned in IS:5-2004.

(ii) The colour/shade can be changed by CBE as per the local requirements.

(iii) Existing Para 217.4(c) is to be replaced as below:

Para 217.4(c)

Para deleted

(iv) Existing Para 217.4(d) is to be replaced as below:

Para 217.4(d)

While painting with IS: 13607, a little quantity of same paint of other shade shall be added to the paint while doing the first coat to distinguish it from the second coat. Similarly, in the case of aluminium paint a little blue paint can be added for 1st coat.

(v) Existing Para 217.4(e) is to be replaced as below:

Para 217.4(e)

Paints should be used within the prescribed shelf life from the date of manufacture. The quantity of paint procured should be such that it is fully utilised before the period prescribed for its use. The shelf life of various paints used in the Railways are as follows:

- i) Paint Ready mixed Zinc Chrome Primer (IS : 104): 1 Year
- ii) Paint to IS:13607 with colour/shade to be specified by Zonal Railway: 1 year
- iii) Paint aluminium:
 - When paste and oil are not mixed: 1 year
 - When paste and oil are mixed: 4 months
- iv) Oil linseed boiled: 2 years
- v) Paint ready mixed Red Oxide Zinc Chrome (IS:2074): 1 year
- vi) Red Oxide Zinc Chromate Primer (IRS-P-31): 1 year.

(vi) Existing Para 217.4(l) is to be replaced as below:

Para 217.4.(l)

Each coat of paint shall be left to dry till it sufficiently hardens before the subsequent coat is applied.

(vii) Existing Para 615 is to be replaced as below:

Para 615

Preparation of surface:

The surface of steel work should be carefully prepared by removing mill scales, rust, grease etc. using wire brushes, sand or grit blasting as required.

The surfaces and locations which will be in permanent contact after assembly by riveting should be given a heavy coat of red oxide zinc chrome priming to IS: 2074.

V/S