Supplementary Information

The following information is associated with Network Rail Standard:
NR CIV/SD/1350 Rev B

Additional Content Access

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CAD Drawing

- CIV/SD/1350

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GENERAL

1. THE PRIMARY PAINT SYSTEM IS N1 UNLESS OTHERWISE AGREED WITH THE PROJECT SPONSOR IN ACCORDANCE WITH NR/SP/CIV/039 (SPECIFICATION RT.98) EACH AREA TO RECEIVE PROTECTION SYSTEM AS DEFINED BY THE PAIRED BOXES:

DESCRIPTION OF AREA AFFECTED	DESCRIPTION OF PAINT SYSTEM

THE REQUIREMENT OF NETWORK RAIL SPECIFICATION NR/SP/CIV/002 SHALL BE COMPLIED WITH.

SHOP NOTES

2. FOR COMPLETE DETAILS OF THE SPECIFICATION FOR THE PROTECTIVE TREATMENT OF STEELWORK, SEE THE NETWORK RAIL MODEL CLAUSES FOR SPECIFYING CIVIL ENGINEERING WORKS, SECTIONS 170–176.

3. AFTER RECEIVING METAL SPRAY COATING ALL FAYING SURFACES TO BOLT CONNECTIONS TOGETHER WITH AN AREA EXTENDING 12mm BEYOND THE PERIPHERY THEREOF, SHALL BE MASKED WITH WATERPROOF TAPE TO PROTECT THEM FROM FURTHER COATINGS. THIS TAPE SHALL THEN BE REMOVED, AND THE FAYING SURFACES CLEANED WITH WHITE SPIRIT.

4. PROTECTIVE TREATMENT TO BE ALLOWED TO CURE FOR 7 DAYS BEFORE STACKING OR TRANSPORTATION OF STEELWORK.

SITE NOTES

5. AFTER ASSEMBLY OF BOLTED CONNECTIONS ANY EXPOSED AREAS OF METAL SPRAYED FAYING SURFACES WHICH ARE TO BE ENCASED IN CONCRETE SHALL BE SEALED WITH 2 No COATS OF ETCH PRIMER RT.98 ITEM 5.1.4.

6. AFTER TIGHTENING BOLTS, CLEAN OFF ANY OIL WITH WHITE SPIRIT AND WIRE BRUSH AND DUST OFF.

7. EXPOSED PARTS OF FASTENERS TO RECEIVE THE FOLLOWING TREATMENTS:–

   WHERE SYSTEM N1 IS SPECIFIED:–
   a) APPLY THE FULL NUMBER OF COATS OF PAINT, INCLUDING AN ADDITIONAL COAT OF EPOXY PRIMER (RT.98 ITEM 7.1.4) TO THE JOINT PERIPHERY AND A STRIPE COAT BUT EXCLUDING THE FINAL COAT.
   b) ALL LOAD INDICATING WASHERS SHALL BE SEALED WITH A BUTYL RUBBER SINGLE PART BRUSH GRADE SEALANT TO RT.98, ITEM 8.1, APPLIED IN TWO COATS.
   c) APPLY FINAL COAT OF PAINT SYSTEM.

   WHERE CONNECTION IS ENCASED IN CONCRETE, APPLY BUTYL RUBBER AS IN b) ABOVE.

8. FOR DETAILS OF SITE COAT AND REMEDIAL WORK SEE NETWORK RAIL MODEL CLAUSES FOR SPECIFYING CIVIL ENGINEERING WORKS, SECTIONS 170–176.

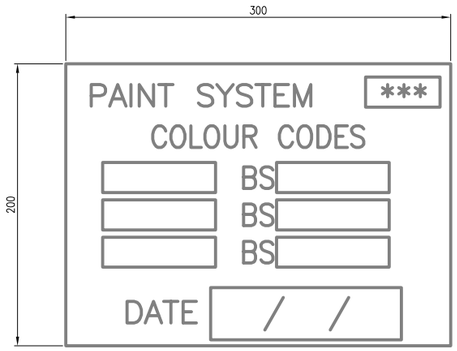
9. FOR MINOR REMEDIAL WORKS AND SITE CONNECTIONS, SPRAY GRADE PAINTS MAY BE BRUSH APPLIED.

10. UPON COMPLETION OF SITE PAINTING A RECORD OF THE PROTECTIVE TREATMENT IS TO BE MADE, AND A TABLE PAINTED ON THE STRUCTURE WITH WHITE LETTERING 20mm HIGH x 12mm WIDE IN RT.98 ITEM 5.13.5.

    PANELS TO GIVE NAME & ADDRESSES OF
    a) STEELWORK FABRICATOR
    b) PAINTING CONTRACTOR
    c) PAINT SUPPLIER
    d) PROTECTIVE TREATMENT APPLIED
    e) COLOUR OF TOP COAT
    f) DATE COMPLETED

11. FAYING SURFACES TO BE PROVIDED TO ALL (HR) / TENSION CONTROLLED BOLTED CONNECTIONS. PAINTWORK TO BE STEPPED BACK AND APPLIED IN ACCORDANCE WITH THE SPECIFICATION. FAYING SURFACES SHALL BE BLAST CLEANED AND METAL SPRAYED ONLY.

B



ACTUAL DETAILS TO BE INSERTED

PAINT SYSTEM RECORD PANEL

1 PANEL TO BE PAINTED BLACK WITH WHITE LETTERING 20mm HIGH x12mm WIDE.
2 FOR MIO SYSTEM, MIO COLOUR TO BE STATED.

DRAWING No. NR/CIV/SD/1350

NOTES

Rev	Date	Description of revision	Design'd	C'kd
B	MAY 10	EUROCODE ISSUE	AGW	NY
A	APR 09	FIRST ISSUE	AGW	NY
P2	31.03.09	FINAL REVIEW FOR FORM B	DE	IP
P1	03.03.09	NETWORK RAIL REVIEW	DE	IP

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Master copy with original signatures held by Network Rail HQ CIVIL ENGINEERING STANDARD DESIGN

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'U' TYPE UNDERBRIDGE STANDARD DRAWINGS

STEELWORK PROTECTIVE TREATMENT – NOTES

Scale	AS SHOWN	
Drawing Number	NR/CIV/SD/1350	B

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