



ELECTRICAL ENGINEERING INSTRUCTION

NUMBERING OF OVERHEAD TRACK STRUCTURES

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1.0 GENERAL

- 1.1 This instruction is issued to ensure that the application of mast location numbers to overhead track structures will be uniform.

2.0 MAINLINES

- 2.1 All mast location numbers must indicate the geographic kilometre distance in concurrence with the track kilometre posts in the section e.g., 119·045, 119·112 etc. where the first three characters indicates the kilometre distance from the zero station and the last characters indicates meters.
- 2.2 The complete mast location number must be indicated on each mast.
- 2.3 Where mainlines run through yards, the structure on the main line side of booms must be marked according to the mast location numbers as indicated in 2.0 above.

3.0 SHUNTING YARDS, LOOP-LINES AND PRIVATE SIDINGS

- 3.1 Masts not forming part of mainlines must be marked consecutively in the format XYZ/123 where the characters before the slash indicate the type of yard and the last three characters a numeric serial number that begins at zero, e.g. DN/001 and DN/002. The serial numbers must start at the beginning of the yard and nearest point to the lowest mast location numbers of the adjacent mainline to this yard. This must be done for each separate yard.

- 3.2 The masts must be marked according to the purpose of the particular yard and the following symbols may be used:

C	=	Coach yard
D	=	Departure yard
R	=	Receiving yard
E	=	Changeover yard
CL	=	Classification yard
L	=	Locomotive yard
DN	=	Down yard
S	=	Station yard
UP	=	Up yard
PS	=	Private siding
LP	=	Loop-line
M	=	Shunting yard
B	=	Balloon line or link line

- 3.3 If in a particular shunting area where there are two or more yards for identical purposes, the masts must get an additional prefix. This prefix will indicate the number of the yard to differentiate between them, for example DN1/001, DN1/002 and DN2/001, DN2/002 for number one and number two departure yards.
- 3.4 If a local name must be awarded to a yard, a suitable prefix must be used with a maximum of three characters that will not concur with mast location numbers allocated to other yards supplying other services.
- 3.5 The numbers of masts must be consecutive and begin at zero and includes structures such as pull-off masts, anchor masts and any other mast between structures. No additional prefix is necessary for such masts.

4.0 NUMBER AND STENCILLING

- 4.1 Two approved methods for numbering are stencilling and number plates.
- 4.2 Mainline mast location numbers must be stencilled/attached on both sides of masts in cases of single lines and lines with bi-directional traffic. In all other cases masts may only be marked on the side facing coming trains.
- 4.3 In yards the mast location numbers must be stencilled/attached on the side of masts facing the direction of the lowest kilometre distance point of the yard.
- 4.4 For stencilled masts:
 - 4.5 The mast location numbers must be stencilled with a 100 mm stencil and numbers must be evenly spaced on a vertical height between 2 m and 3,3 m above the track height.
 - 4.6 The numbers must be black on a white background.
 - 4.7 Only characters as depicted on drawing CEE-TW-646 (sheet1-6).
- 4.8 For number plates drawing BBC 2036 must be used with the required text as per this instruction.

5.0 GENERAL

- 5.1 The renumbering of masts must be executed according to a program for existing electrified railway lines.
- 5.2 In the case of new electrification schemes the Infrastructure Manager must be requested to provide the Contractor with the necessary information concerning the numbering of OHTE structures so that the application of numbers to the structures could be included in his work programme. If this information is not available to the Contractor for inclusion in his work programme the maintenance personnel will be responsible for the numbering of the OHTE structures as soon as the information is available.
- 5.3 Where the old numbering system is to be replaced with the new numbering system the train operational staff in the area must be notified in advance.

6.0 RELATED DRAWINGS

- 6.1 The following drawings are referred to in this instruction:
 - 6.2 CEE-TW-646 (Sheet 1-6): Jig, Stencilling, Structure Numbering.
 - 6.3 BBC 2036 Overhead Track Equipment Mast Number plate for all types of masts.
 - 6.4 It is the responsibility of all persons involved to be in possession of the most recent version of this drawing.

7.0 SUBSTITUTION

- 7.1 This instruction replaces Engineering Instruction B.008 Issue 2 of April 2000.

END



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