

**INDIAN RAILWAY SIGNAL ENGINEERING MANUAL PART I
(1988 EDITION)**

Addendum and Corrigendum Slip No.22

Chapter IX, Para 9.6.2

Modification to existing sub paras (ii), (v) & (vi) of para 9.6.2, note after 9.6.2 (vii) of the SEM Pt.I, 1988 and addition of annexure-44 is as under.

Para 9.6.2

- (ii) Provision of electrical or mechanical lifting barrier including emergency interlocked arrangements at already interlocked Level Crossing Gates.
- (v) Replacement of Signalling assets without any change in the yard layout or signalling interlocking scheme either in station or at mid section Level Crossing Gates.
- (vi) Replacement of Block Instruments by any other approved type of instrument or provision of block proving through Axle Counters or Track Circuiting using existing Block Instruments.

Note: (a) The personnel approval of the CSTE will be required for sanction of the works mentioned in (i) to (vii) of para 9.6.2. This will not be re-delegated to lower level. CSTE of the Railway will submit Completion Diagrams / Safety certificates & quarterly statement of all such sanctions accorded by him to the concerned CRS.
(b) CSTE shall ensure compliance of instructions, attached as Annexure-44.

Case No. No.2010/SIG/SEM-I/Misc
New Delhi, dated: 24.11.2011

BY ORDER


(Arun Sakseena)
Advisor (Signal)
Railway Board.

Annexure – '44'

Para 9.6.2 Note (b)

Instructions

CSTE's sanction are not given in an routine manner but following elaborate procedure. It is, therefore, suggested that while giving sanctions by CSTE's, following must be ensured :-

- a) All relevant documents that are prepared by field units (for submission to CRS for his sanction) for commissioning of the works would be submitted to CSTE for his sanction. This includes Engineering scale/Signalling Plans, SWR diagrams and SWR.
- b) Format as per Annex. '44/1' shall be submitted duly filled up by the JA grade officer, incharge of the work for applying for CSTE's sanctions in terms of Para 9.6.2 of the IRSEM Part-I (1988 Edition). Similarly, CSTE's sanction shall also be communicated in the defined format enclosed as Annex. '44/2'.
- c) Application for CSTE's sanction received in Headquarters' office shall be scrutinised as per the check list laid down as Annex. '44/3' by Dy.CSTE/incharge of design or CSTE (Planning) and put up for the consideration of the CSTE.
- d) Personal approval of CSTE's would be required and it shall not be delegated to any lower level.
- e) Sanctions would be recorded by CSTE's as a numbered sanction maintaining a register for the same similar to sanction numbers being maintained by CRS.
- f) The validity of the CSTE's sanction shall be for a period of six months only. Re-validation of the sanction after six months may be considered based on unavoidable reasons.

Application for Sanction

No.....

Office.....

Dated.....

From

The.....

Designation.....

To

The Chief Signal & Telecommunication Engineer,
.....

Sir,

I hereby apply for your sanction

to.....being commissioned and opened for
public carriage of passengers when ready as CRS sanction is not required as per para 9.6.2
of SEM Pt-I.

The following documents are enclosed :—

- (a) Description of proposed works -
- (b) Signalling and interlocking plan No, S-IP-
- (c) Panel Front Plate Diagram No, (If it is Panel) -
- (d) Route Control Chart No. -
- (e) Station Working Rule diagram. No. -
- (f) Station Working Rule for traffic working -
- (g) List of infringement to Schedule of Dimensions -
- (h) List of deviations from the manuals of instruction for signaling and interlocking and
Block signalling.
- (i) List of deviations from General and Subsidiary Rules.
- (j) Restrictions -
- (k) The work will be executed by the following office.

Modus Operandi

The work of
.....shall be carried out after
disconnection / non-interlock & traffic block if required at site. After completion of the work the
reconnection memo shall be issued. The work will be commissioned by on
receipt of the CSTB sanction and after signing the safety certificate and when required, also
dispatch a telegram to your address intimating that the work has been opened and the safety
certificate signed and issued.

Yours faithfully

Signature.....

Designation.....

Dated.....

.....Railway

No.....

Dated:.....

From

Chief Signal & Telecommunication Engineer,
.....

To

Sub:.....

Ref: Your Application No.....dated

In response to your application No..... dated Sanction is
accorded to the work..... being carried out.

I do not propose to inspect the work prior to its opening for the carriage of passengers.
When ready, it may be opened on a Safety Certificate which should be submitted to me direct
without any delay.

I propose to inspect the work prior to its opening for the public carriage of passengers.
Advice of the date, when work will be ready for inspection should be intimated at least 14 days
before it is proposed to open it.

Chief Signal & Telecommunication

Engineer,

.....Railway

No.....

Dated:.....

"

Strike out paragraph not applicable.

Check list

Provision of.....at station on
.....section of division.

List of documents enclosed:-

- (a) Description of proposed works -
- (b) Signalling and Interlocking plan No. S-IP-
- (c) Panel Front Plate Diagram No. (If it is Panel) -
- (d) Route Control Chart No. -
- (e) Station Working Rule diagram. No. -
- (f) Station Working Rule for traffic working -
- (g) List of infringement to Schedule of Dimensions -
- (h) List of deviations from the manuals of instruction for signaling and interlocking and Block signalling.
- (i) List of deviations from General and Subsidiary Rules.
- (j) Restrictions -
- (k) The work will be executed by the following office.

Yours faithfully

Signature.....
Designation.....
Dated.....