

Public Works (1899) Department.

RAILWAY BRANCH.

G.O., No. 1136-37. *Ry*

DATED *11th Oct 1899.*

[Despatch Abstract.]

*Rules for the Inspection of Ry
prior to opening for passenger
traffic.*

*Ordered that a copy of the proposed
draft connection slip & the — with the
marginal note by the Senior Govt.
Inspector & Comd. Engr of this Circle,
be forwarded to the Govt of India.*

Forwarded

[illegible]

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Forwarding a draft of the proposed
addenda & corrigenda slips to
the _____ prescribed under P.W.D.
cir no 6 Rg of 7/9/93 and requesting
to be favoured with the opinion
of the Secy. P.W.D. Rg Branch thereon
together with any further suggestion
that may occur to him.

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Enclosure to Government of India, Public Works Department, letter No. 1716 R.C., dated 13th September 1899.

PROPOSED DRAFT CORRECTION SLIPS.

FOR THE RULES FOR THE OPENING OF A RAILWAY FOR THE PUBLIC CARRIAGE OF PASSENGERS, 1893, CORRECTED TO 1896.

No. 1.

Page 3, Chapter II, paragraph 2.—After the words
The attention of the Inspector is specially directed to the following points, add the following:—
which, however, it is open to him, in the exercise of his discretion, to enforce or modify according to the circumstances of each case.

No. 2.

Page 3, Chapter II, paragraph 2, clause 5.—Add the following at the end of this clause after the words without difficulty:—
and if not whether it is necessary to provide such.

No. 3.

Page 3, Chapter II, paragraph 2, clause 6.—Substitute the following for this clause:—
6. Whether in the opinion of the Government Inspector hand-rails or parapets are necessary on any bridge. As a rule these need seldom be insisted upon except in cases where the bridge is used by the public, or where special circumstances render it desirable to provide a footway clear of the track, and even then it is usually required only on the one side of the bridge on which the footway is provided.

No. 4.

Page 3, Chapter II, paragraph 2, clause 7.—Substitute the following for this clause:—
7. Whether the floors and sleepers on bridges require special protection from fire.

No. 5.

Page 3, Chapter II, paragraph 2, clause 8.—Prefix the word Whether to this clause and add the following after the words bridge girders:—
has been provided for.

No. 6.

Page 3, Chapter II, paragraph 2, Clause 10.—Substitute the word Whether for the first word of the clause.

No. 7.

Page 3, Chapter II, paragraph 2, clause 12.—For the word properly in the second line substitute the word sufficiently.

No. 8.

Page 4, Chapter II, paragraph 2, clause 13.—After the word is insert the following words:—
provided, and whether it is

No. 9.

Page 4, Chapter II, paragraph 2, clause 14.—Prefix the word Whether to this clause and in the first line substitute has been for the words should be.

No. 10.

Page 4, Chapter II, paragraph 2, clause 15.—In the first line insert the words it is usually desirable that after the word not and substitute the word should for the words is in any case to. In the second line for at least substitute the word about and in the last line for stop at it substitute usually be extended up to it.

No. 11.

Page 4, Chapter II, paragraph 2, clause 16.—In the first line of this clause substitute the words whether there are any gates for the words where gates are used and after the word line insert the words and if so.

In sub-clause V for the word where substitute the following words:—
if the Government Inspector considers these to be

No. 12.

Page 4, Chapter II, paragraph 2, clause 20.—For the words so that in the first line substitute the words and whether.

No. 13.

Page 4, Chapter II, paragraph 2, clause 25.—For this clause substitute the following:—

What description of sleepers are used, and whether they are of a suitable description and of good quality and properly spaced.

No. 14.

Page 5, Chapter II, paragraph 2, clause 27.—Prefix the following to this clause:—

27. Whether bearing plates or double spiking have been adopted and if so to what extent and whether any further adoption of such safeguards is desirable.

In the first line of this clause for the words should be used substitute the words would usually be desirable, and in the last line for the words should also substitute the words it would usually be desirable to. Place the clause from the words With flat-footed rails in the first line to the words having bearing plates at the end of the last line within a parenthesis.

No. 15.

Page 5, Chapter II, paragraph 2, clause 30.—Add the word measured at the end of this clause.

No. 16.

Page 5, Chapter II, paragraph 2, clause 33.—After the words whether latrines are provided in the second line of this clause insert the following:—
and these are

No. 17.

Page 5, Chapter II, paragraph 2, clause 34.—After the words exceeds 15 feet in the third line of this clause insert the following:—
it is usually desirable that

No. 18.

Page 5, Chapter II, paragraph 2, clause 42.—At the end of this clause add the following words:—
and state what colours this exhibits when the arm is "on" and "off" respectively.

No. 19.

Page 6, Chapter II, paragraph 2, clause 44.—For the words All signals to be at the commencement of this clause substitute the words Whether all signals are.

No. 20.

Page 6, Chapter II, paragraph 2, clause 47.—Place the second sentence of this clause within a parenthesis.

No. 21.

Page 6, Chapter II, paragraph 2, clause 48.—After the words locking apparatus in the second line insert the following words:—
complying with the conditions laid down in Public Works Department Circular No. IX Ry., dated 18th August 1893, and Circular No. 513 R.S., dated 6th November 1896.

No. 22.

Page 6, Chapter II, paragraph 2, clause 49.—At the end of this clause add the following words:—
or with other approved devices and if so of what pattern.

No. 23.

Page 6, Chapter II, paragraph 2, clause 53.—Substitute the following for this clause:—

53. Whether any station or junction is on a gradient steeper than 1 in 500. No station should be constructed, nor any siding join a passenger line, on a steeper gradient than 1 in 260, except where it is unavoidable and with the previous special permission of the Government of India, nor should a falling grade steeper than 1 in 260 commence nearer a station than 150 feet outside of the outside facing points unless a slip siding or other arrangement is made or rule enforced, sufficient in the opinion of the Government Inspector to prevent accidents.

No. 24.

Page 6, Chapter II, paragraph 2, clause 54.—Prefix to this clause the word Whether and in the third line of the clause for the words is to be substitute the words has been or should be.

No. 25.

Page 7, Chapter II, paragraph 3, clause (a).—After the word adopted at the end of this clause add the following words:—

so far as they are applicable to the case, and in the event of any particular structure failing to come up to the standard here specified, the Government Inspector should make a special recommendation as to whether the structure may be used and, if so, under what conditions.

No. 26.

Page 8, Chapter II, paragraph 3, clause C. (4). Note.—After the words all new in the first line insert the words first class.

No. 27.

Page 9, Chapter II, paragraph 4, clause (c).—After sub-clause (ii) insert the following words as a sub-para:—

It should always be ascertained and reported with reference to test (i) whether the girder has previously been subjected to load or not, and, if so, how the said load compared with that now used for these tests.

No. 28.

Page 9, Chapter II, paragraph 4, clause (d).—After the word recorded in the first line of this clause insert the following words:—

and in case of girders of 60 feet span and over this should be done for both top and bottom booms of the girder.

No. 29.

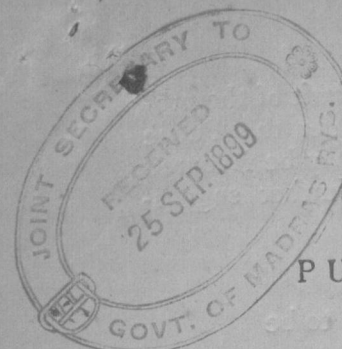
Page 13, Chapter V, paragraph 2.—Number the existing clause as clause (a) and add the following as clause (b):—

(b) A list of code words which have been authorized for use in such telegrams is attached as Appendix E for ready reference.

No. 30.

Page 14, Chapter VI, paragraph 2, clause (d).—After the word administration at the end of this clause add the following words:—

and a list of the works so authorized during each half-year shall be appended to the usual Inspection Report of the railway for that half-year.



No. 1716 R.C.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY CONSTRUCTION.

TO

THE JOINT SECRETARY TO THE GOVERNMENT OF MADRAS, PUBLIC WORKS DEPARTMENT, RAILWAY BRANCH.

THE SECRETARY TO THE GOVERNMENT OF BOMBAY, PUBLIC WORKS DEPARTMENT, RAILWAY BRANCH.

THE SENIOR GOVERNMENT INSPECTORS FOR RAILWAYS, BURMA, CALCUTTA, LUCKNOW AND ASSAM.

Simla, the 13th September 1899.

SIR,

The attention of the Government of India has been drawn to the fact that by reading Public Works Department Circular No. 6 Ry., dated 7th September 1893, prescribing the rules for the inspection of railways prior to opening for passenger traffic, together with clause 19 (c) of the Indian Railways Act, IX of 1890, the deduction can be drawn that it is forbidden to the Government Inspector to even recommend the opening of a railway under clause 19 (f), unless every one of the numerous requirements for first class railways laid down in the above quoted circular are fully complied with.

2. It is, however, apparent from the circular in question that for most of the conditions the Government Inspector is merely ordered to report "whether so and so is provided"; but in the case of a few particular paragraphs a definite "structural character" is laid down by the Governor General in Council which therefore under clause 19 (c) must be complied with or the railway cannot be opened without infringing the law. These, it is considered, may be made permissive by certain corrections which are principally as follows:—

- Chapter II paragraph 2, to make it clear that the Inspector is to exercise his discretion as to whether to enforce or relax the points suggested to him as usually desirable.
- to make it clear that he is to report "whether" those points have been complied with or not, with such further recommendations of his own as he may think fit.
- to discourage any idea based on Chapter II, paragraph 2, clause 6, that hand-rails are usually wanted on bridges over some arbitrary length, irrespective of other conditions.
- to relax the rules contained in Chapter II, paragraph 2, clause 53, against stations on gradients and make it identical with the English Board of Trade Rule.
- to make it clear that the rules for working load and stress laid down in Chapter II, paragraph 3 (a), need not necessarily be rigidly enforced in all cases, irrespective of special conditions.

3. I have the honour, accordingly, to forward herewith a draft of the proposed addenda and corrigenda slips to the rules prescribed under the Public Works Department Circular quoted, and I would request that I may be favoured with your opinion thereon at an early date, together with any further suggestions that may occur to you.

I have the honour to be

SIR,

Your most obedient servant,

C. V. Ah

Under Secretary.

Document accompanying.

Draft referred to in para. 3.

The Joint Secretary to the Govt of Madras
Public Works Department, Ry. Branch,

with 10 space copies

India's No. 1716 RC dated 13-9-99.

C. No. 1205
25-9-99

NOTE FOR

Proposed addenda & corrigenda to the
"Rules for the Inspection of Railways prior
to opening for passenger traffic."

I am of opinion that the present rules
are quite good enough & perfectly clear.
The rules are simply meant as a guide to
the Inspector as to the points he ought
to note (perhaps only mentally)

Dealing with the proposed corrections numerically.
No I

I do not agree with the necessity for
this addition at all. Junior Inspectors
who have not the tact to read the
present rules sensibly will with this addition
have the power of making themselves
exceedingly nasty if they stick to the
letter of the proposed rule.

A junior inspector will apparently have
the power of ordering a Railway Admin-
to "take special precautions" under clauses
1 & 2 of Chap II para 3 to build
"additional lining to tunnels" to ^{further} investigate
the subject of waterways" etc.

It is not for the Inspector, unless he
is the Senior G. I. to order anything

but simply to report what he has observed especially with reference to the special points which the present rules draw his attention to.

No 2

may be of use & can do no harm. The addition ~~what do any harm, but I~~ consider it quite unnecessary.

No 3

I see absolutely no necessity for the change. An Inspector surely can judge without this information if handrails are necessary.

No 4

I much prefer the rule as it stands

No 5

Ditto

No 6

The word "that" was probably intentionally put in when the rules were framed.

I always read this clause ~~that~~ ^{anchored} I was to certify that no bridges over 10 ft span had less than 18 inches of earth over the crown, & I think this was right.

Prior sanction ought to be obtained by the E. & W. if he under special circumstances is obliged to infringe this rule.

No 7

The word used "properly" or "sufficiently" is immaterial.

FMS

It is necessary for me to be certain what letters are we cannot be certain of change including such rule from the Dept. the addition may be of use & can do no harm

FMS

I. FMS

The use of the word "that" is only bad grammar. if instead of "is allowed" the rule had said the word "ought always to be allowed" the grammar would be good. But I prefer the "whether" suggestion. The Senior Inspector can add the caution of any thickness to be shown.

FMS

No reason therefore to worry about digitizing the proposed alterations.

FMS

Form No. 14.

C. No.

Not unnecessary at all, the proposed words make better sense of it & leave less room for doubt of what to do.

FMS

FMS

The addition is most important for preserving nobody has been able to say authoritatively whether gates are or are not necessary.

FMS

No reason therefore to object

FMS

But that is unnecessary

FMS

Enough to make good suggestion.

FMS

PUBLIC WORKS DEPARTMENT,

RAILWAY BRANCH.

NOTE FOR

No 8

The proposed words make better sense & leave less room for doubt of what to do.

No 9

An improvement.

No 10

Ditto.

No 11

I see no improvement in the alteration it is more juggling with words.

No 12

I see no improvement

No 13

The wording of the alteration is an improvement

No 14

This prefix was always understood there is no objection to printing it

No 15

Quite unnecessary to order an Inspector to measure the distance centre of track to face of platform wall at all stations. If he measures one & the distance from footboard of his carriage to platform he can measure all others as he gets out of the carriage.

No 16

Quite immaterial

No. 1137. *Ly*

Government of Madras,

PUBLIC WORKS DEPARTMENT,

RAILWAY BRANCH.

To

The Secretary to the Government of India,

Public Works Department,

Copy, the 11th Octr 1899.

Sir,

I reply to your letter No 1716. R.C. dated the 13th Sept. 99
I am instructed to enclose a copy of the proposed draft correction slips therein
referred to with note on the margin of the same for the Inspector and Comr. of
of the line.

I have &
FWS
3/10/99

Despatched on 11/10/99

Documents accompanying:-
Draft Correction slips
referred to.

No 17.
Wording an improvement.

No 18.
This addition was always understood.

No 19.
No remarks.

No 20, 21 & 22.

No remarks.

No 23.

This is an improvement, it sanctions the
passing of stations on a gradient less
than 1 in 500 without remark.

No 24.

Under the old rules we were obliged to
insert on a catch siding on slip siding
being provided ^{at any station} in the neighbourhood of a
heavy incline. Now we ^{will} have only to report
if one "has been or should be" provided
This is as it ought to be.

No 25

This is hardly a matter for the Inspector,
as an Inspector, it has probably all been
settled previously by D.R. & or E.R.
if the usual types are not in use.

No 26

The inspector will have to discriminate between
1st class lines & others.

No 27 & 28.

They might do away with these tests
which are useless.

*But S.R. may not think I made some recommendation
than appears previous. Did I not? If so, put up please
with it. S.R.*

No 29 & 30. *FWS*
No objection.
FWS.

ER. Please see G.O. 761 R 212-7-99
flag V + correction papers.

27.9.99

No.

October 1891

Wm. W. W. W.

1891

The following is a list of the

names of the

names of the

names of the

names of the

names of the

names of the

Wm. W. W. W.