

Public Works (1896) Department.

RAILWAY BRANCH.

G.O., No. 711 R

DATED 18th August

[Despatch Abstract.]

Presidency allowance.— The grant of— at Rs 50
per mensem to Mr. R. V. Narayana Chetty, Senior
Accountant, Office of the Examiner of Guaranteed
Railway Accounts, sanctioned.

BACK PAPERS.

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

FURTHER PAPERS.

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

[General Distribution.]

Circular No. 4 Railway.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY TRAFFIC.

Simla, the 29th July 1896.

Rules relating to the packing and testing of cylinders or flasks containing liquefied carbonic acid gas.

Read—

Letter from the Director General of Railways, No. 281-T., dated 3rd July 1895.

Letters from the Secretary, Public Works Department, India Office, No. P. W. 1658, dated 1st November 1895, and P. W. 422, dated 27th March 1896, enclosing reports by the Board of Trade and by the Committee appointed by the Secretary of State, to consider the question of the conveyance by railway of compressed gas in cylinders.

Despatch to Secretary of State, No. 46, Railway, dated the 9th June 1896.

OBSERVATIONS.—Liquid carbonic acid gas has been excluded from the item "gas, compressed" in the list of goods declared dangerous in rule 14 of Part II, of the open line general rules of 1895, provided the gas is secured "in wrought iron cylinders or solid drawn steel flasks without seam or join, certified by competent authority to withstand a pressure of 250 atmospheres (3,750 lbs.)"

2. Owing to the bursting of a cylinder while being transhipped at the Amritsar Station on the North Western railway, the question of issuing revised directions in regard to the packing and testing of cylinders and flasks containing liquefied carbonic acid gas has been under careful consideration, and the set of rules accompanying this circular has been drawn up.

These rules have not been finally decided upon as certain points are still under reference to the Secretary of State, but as they have been formulated under the advice of experts in consultation with those engaged in the trade it is improbable that they will undergo any very appreciable modification and in order to avert the recurrence of an accident similar to that which occurred at Amritsar, the Government of India consider it essential, in the interests of the trade as well as for the safety of the public, that some clearly defined precautions should be adopted without further loss of time.

RESOLUTION.—The Governor-General in Council is accordingly pleased to sanction provisionally with effect from 1st January 1897 the accompanying rules for adoption on open lines of all railways directly administered by Government and desires that the administrations of other railways may also be moved to adopt the rules.

2

ORDER.—Ordered that the circular and the accompanying rules be communicated to the Local Governments and Administrations and to the officers noted in the margin for information and guidance; also to the Governments of

The Governments of Madras, Bombay, and Bengal.
The Chief Commissioners of Burma and Assam.
The Resident at Hyderabad.
The Agent to the Governor General for Rajputana.
The Director General of Railways.
The Consulting Engineers to the Government of India for Railways, Calcutta, Lucknow, and Assam.

the North-Western Provinces and Oudh and the Punjab, the Chief Commissioner of the Central Provinces, the Agents to the Governor General for Central India and Baluchistan, and to the Accountant-General, Public Works Department, for information.

By order,

G. A. ANDERSON,
Offg. Under Secretary.

Document accompanying.

Rules to regulate the carriage by rail in India, of liquefied compressed carbonic acid gas in wrought iron cylinders or solid drawn steel flasks.

Enclosure to Government of India, Circular No. 4 Railway, dated 29th July 1896.

Rules to regulate the carriage by rail in India of liquefied compressed carbonic acid gas in wrought iron cylinders or solid drawn steel flasks—

- (a) The cylinders or flasks used should be capable of enduring a test pressure of 3,750 lbs. per square inch without deformation, and should be re-annealed and re-tested after annealing every two years. By deformation it is to be understood that no sudden stretch occurs under testing in a water-jacket furnished with a gauge glass, and that the total external bulk of the cylinder or flask is not increased after test by more than 1 per cent.
- (b) The valve should be protected by an outer metal cap screwed on to the head of the cylinder or flask.
- (c) The cylinders or flasks should either be packed in separate boxes or be completely cased in a fibrous covering not less than half an inch thick.
- (d) The amount of gas to be filled in each cylinder or flask should not exceed two-thirds by weight of its water capacity.
- (e) The date, the letter "A. and R. T. 3,750 lbs.," and a mark indicating the firm and individual responsible for such annealing and re-testing are to be stamped on the neck or shoulder of each cylinder or flask in order to indicate the date of re-testing and re-annealing.
- (f) No consignment of compressed gas in cylinders or flasks should be accepted for carriage by rail unless the consignor has given a written declaration that the above rules have been complied with.
- (g) The Railway Administration should take every precaution against exposing the cylinders or flasks when charged with gas to excessive heat, either in wagons, or by exposure to the direct rays of the sun.

[General Distribution.]

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Slu 712 R
18/8/96.

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(Form No. 1.)

GOVERNMENT OF INDIA.

P. W. DEPARTMENT.

RAILWAY BRANCH.

No. 385

EXAMINER, GUARANTEED RAILWAY ACCOUNTS' OFFICE,

Madras, 11th August 1896.

From Major F. A. Waller, Esq.

THE EXAMINER, GUARANTEED RAILWAY ACCOUNTS,

MADRAS.

To

The Joint Secretary to Government,
Public Works Department,

SIR,

Railway Branch,
Madras.

I have the honor to request the sanction of
the Local Government, under Code Volume I Chapter
I paragraph 36 and 37, to the grant of Presidency
allowance at Rs 50 per mensem from the 7th
instant to Mr R Raj V. Muthuswami Chetty Jann.
Accountant 3rd grade, transferred from my
branch office at Trichinopoly to take
charge of the Test Audit duties of this office

Sanction
11/8

I have the honour to be,

Sir,

Your most obedient Servant,

Waller

Major, R.E.,

Examiner, Railway Accounts,

Madras.

Go. No. 712 R 4 18.8.96

From
THE EXAMINER,

GUARANTEED RAILWAY ACCOUNTS,

Madras,

To

The Joint Secretary to Joint
No. 385 P. W. D. Branch

Dated, 11 August 1896.

No. of Enclosures_____

SUBJECT.

Requesting the sanction
of the local Government
to the grant of Presidency
Allowance at Rs 500 p.m. from
the 7th inst to Mr Roly V. Moorthi
-veerachetty Esq, accts 3rd
grade.

CONFIDENTIAL No. 7273

(R.) Form No. 8.

B/

No 741. *Recd* 18.8.96
PUBLIC WORKS DEPARTMENT
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Letter from the Examiners } H.E. no: 385 of 11th Aug 96
Guaranteed By Booksman }

Sanctioned



cup.

R

To Mr. G. P. Rymer
— E. P. Warner

Received
24/9/16

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Bf
No 711. Dated 18.8.96

M8 22518