

Public Works (1898) Department.

RAILWAY BRANCH.

G.O., No. 1500-1. *Ly*

DATED 6th Decr 1898

[Despatch Abstract.]

Proposal to include Crude India
Rubber in the second Schedule
of the Indian Railway Act 1890

Ordered that the replies of the Agents,
Madras & S. E. Ry., to the _____ as dangerous
goods, be forwarded to the Govt of India

Forwarded

Railway
CURRENT No. 1322

Order

From

The East of India

No. 1193 RT

Dated 27th October 1898

Received

Registered

Enclosures

Spare copies

SUBJECT.

crude.
crude India-rubber

Forwarding -correspondence
from the Govt of Burma
pointing out the risks
incurred in carrying —
& requesting to be informed
if there is any objection
to the proposed inclusion
of — in the 2nd schedule
to the Indian Tax Act, 1890

11.10.99

Умручт: 11. 32

FURTHER PAPERS.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
RAILWAY TRAFFIC.

Simla, the 27th October 1898.

The undermentioned papers are forwarded to the Local Governments and Administrations and to the Officers noted in the margin, with the request that the Government of India may be informed whether in their opinion, or that of the railway administration(s) under their control, there is any objection to the proposed inclusion of crude india-rubber in the second schedule to the Indian Railways Act, IX of 1890.

By order,

W. Mercant Captain, R.E.,
Offg. Under Secretary to the Government of India.

No. 18536 T. R., dated Rangoon, the 8th September 1898.

From—The Government of Burma, Public Works Department,
To—The Secretary to the Government of India, Public Works Department.

I am directed to forward for orders, copy of a letter No. 1174 C. E.—83 T., dated the 26th August 1898, from the Agent, Burma Railways Company, Limited, pointing out the risk incurred in carrying india-rubber, and to recommend under the explanation given that the Government of India may be pleased to add crude india-rubber to the list of articles to be declared and insured under the second schedule of the Indian Railways Act.

No. 1174 C.E.—83 T., dated the 26th August 1898.

From—The Agent, Burma Railways Company, Limited,
To—The Consulting Engineer for Railways, Burma.

A case occurred in the spring of this year of a wagon containing crude india-rubber being set on fire, and a claim for about Rs. 26,000 has been made against the railway. The case is now pending in the Courts. India-rubber is despatched in large consignments, so that the value of a consignment is far above that of any consignment of any other commodity, specie only excepted, carried by the railway. The value of 100 viss of rubber in Rangoon at the present moment is about Rs. 735. The amount of rubber carried by the railway per annum is about 150 tons, so that it is not an article of any importance; in fact, considering the risk we run in carrying such a valuable article, it would be an advantage to the railway not to carry rubber at all, but as we have no power to refuse to carry it, I have the honour to ask your sanction to transfer india-rubber from the 3rd class to the 5th class under Government of India resolution No. 563 R. T., dated 16th July 1891.

2. I would also ask that the Government of India may be moved to add crude india-rubber to the list of articles to be declared and insured under the second schedule of the Indian Railways Act.

G. C. Press, Simla.—No. 1355 P. W. D.—28.10.98.—483.

G. C. Press, Simla.—No. 1355 P. W. D.—28.10.58.—483.

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

1098

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

Madras, 19th November 1898

To

Sir,

The Agent and Manager.

Madras Railway.

The Consulting Engineer for Railways.
Madras.

With reference to your endorsement No. 3116 of 16th Instant on the Government of India P. W. O. No. 1193 R. T. dated 27th October 1898, I have the honor to inform you that we have had no experience of the commodity in question on this line but that the reasons urged by the Agent of the Burma Railways Company appear quite sufficient to justify his proposal.

I have the honor to be,
Sir,

Your most obedient servant,

A. Madras.

Agent & Manager

Await. reply from
P. I. R.

21/11/98.

South Indian Railway.

Copy of a letter, No. *A/536*, dated *23rd Nov 1898*
from *the Superintending Physician, S. I. Ry.*
to the Agent, South Indian Railway.

Government of India Railway Traffic
Circular No 1193 R.I. forwarded with
your Office Inward Register No 18453
of 21st Nov 1898

1. "Crude India Rubber", "Gutta percha", "Caoutchouc"
though differing somewhat in physical properties
have very similar chemical composition. Their
constituents as shown by Payen and confirmed by
Oesterle and others being:-

- (1) Gutta a white amorphous hydrocarbon $(C_{10}H_{16})_n$
- (2) Alban, which on heating gives off the hydro-
carbon albene $(C_{40}H_{64})_2$
- (3) Fluavil resembling alban $(C_{10}H_{16}O)_n$
- (4) Guttars an unstable compound resembling
Gutta.

(5) Resins of other plants and spurious material.

2. The crude article of commerce previous to puri-
fication and preparation for vulcanization should
certainly be looked upon as the most highly inflamm-
-ble of the resins to which they are allied. They readily
take up oxygen and the so called spontaneous com-
-bustion ensues. Light and heat, and electrical conditions
favour

AGENT'S OFFICE,
TRICHINOPOLY,

28th Nov 1898

Accompaniment to the Agent's letter

No. *1070* of *28-11-1898*

True copy.

W. Le Mesurier
for Agent.

1/12/98

Copy continued.

favour changes in the crude materials into Isoprene, Dimethylallene and other Hydrocarbons, boiling between 33°C and 41°C .

3. The more modern methods of treating the crude material for transport may add other causes of danger to the article of commerce. Thus solvents themselves of inflammable characters may be employed and add dangers of explosibility to those of mere inflammability.

4. I am therefore of opinion that crude india rubber, gutta percha, caoutchouc, should fare with dangerous goods. ^{and} restrictions (such as suitable packing, previous notice, declaration, and higher rates for carriage) should be imposed for conveyance of them.

5. A memorandum of the Marine Department of the Board of Trade (May 1894) regarding india rubber solution might be made the precedent and model on which legislation in this matter can be carried out. The memorandum runs thus:-

"The Board of Trade are advised that this material comes under the head of Dangerous Goods; and that if stowed under deck it should be placed where it is easily accessible, and that it should on no account be treated as general cargo and covered with other goods. Emigration officers

AGENT'S OFFICE,
TRICHINOPOLY,

28th Nov. 1898.

Accompaniment to the Agent's letter

No. 1070 of 28-11-1898

True copy.

W. Le Mesurier
for Agent.

1/12/98

Copy continued.

"Officers should not allow rubber solution to be loaded on board passenger ships, etc, etc, etc."

6. This opinion if accepted will lead to sundry alterations in the classification of Goods as shown in our Railway Guide.

AGENT'S OFFICE,
TRICHINOPOLY,

28th Nov. 1898

Accompaniment to the Agent's letter

1070 of 28-11-1898

True copy.

M. Le Mesurier
for Agent.

Enc. No. 1 TO E. R's. C. No. 5635 OF 1898.
 Letter No. 1070 D 28. 11. 98

Handwritten text in Tamil script, likely a translation or commentary on the official letter.

No. 1070

South Indian Railway Co., Ltd.,

AGENT'S OFFICE,

TRICHINOPOLY, 28th November 1898.

From

The AGENT,

SOUTH INDIAN RAILWAY,

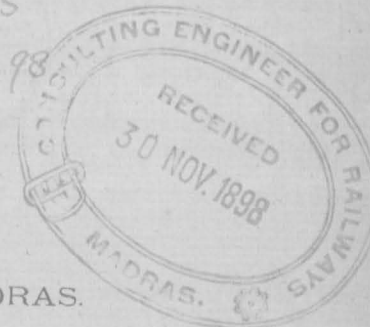
To

The CONSULTING ENGINEER FOR RAILWAYS,

MADRAS.

5635

30-11-98



Sir,

Flag A

With reference to your endorsement ^AN^o 3116 dated 15th November 1898 I have the honor to inform you that, I consider crude india-rubber should be included in the Second Schedule to the Indian Railway Act IX of 1890. I take this opportunity of enclosing a copy of letter ^AN^o A 536 dated 23rd November 1898 from the Superintending Physician and with reference thereto would suggest for consideration the advisability of placing crude rubber, gutta percha, caoutchouc and India rubber solution in the category of dangerous goods.

I have the honor to be,
 Sir,
 Your Most Obedient Servant,
 A.D.G. Shelley
 Capt R.S.
 Agent.

1. Enclosure

Handwritten signature/initials.

Sp. 1070 28

189 , No.

189 ♂ " 30. II. 95, " Agouti S. 2 Ry

Sir,
 With reference to your
 Memorandum No. 11936
 dated 27th October 1890,
 I am directed to forward
 the replies of the Agents
 Messrs R.S. & Railways
 the proposal to include
 crude india-rubber in
 the second schedule to
 Indian Railways Act, I
 1890.

(2) Do — Do — A. No. 1070
28/11/98 with an Encl

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FROM
THE AGENT,
South Indian
Railway,
Tychenopoly
To

ER FOR
RAILWAYS,
Madras