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Shipment of Explosives

Forwards copy regno governing shipment in vessels carrying stores for Govt of India. Blasting powder not absolutely prohibited. Inquiry being made as to dynamite. Arrangements being made not to interfere with the particular conveyance in question.

- Copy of Sft. on 270 27, with copy of the stores, to the C.A. for info. D.D. + the let the General Dept. see.

at once
H. J. R
7/15

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Noted in General Dept
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It is requested that in any further communication on this subject the under-mentioned letter and number may be quoted, and the reply addressed to:

The Under Secretary of State for India
India Office,

Whitehall,

London, S.W.

S.15425.

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INDIA OFFICE,

WHITEHALL,

LONDON, S.W.

4th September 1909.

Sir,

I am directed to acknowledge the receipt of
your letter No. 27017, dated 16th August 1909, relative
to the India Office regulations governing the shipment
of dangerous cargo in vessels which carry stores for
the Government of India.

In reply I am to forward for your information a
copy of the Regulations, from which it will be
observed that Blasting Powder is not included in the
list of stores absolutely prohibited.

With regard to Dynamite, enquiries are now being
made with a view to determining whether the restriction
against its shipment can with safety be modified, and
a further communication will be made to you when those
enquiries have been completed.

With regard to the particular consignment mentioned
in your letter, arrangements will be made to avoid

shipment

THE UNDER SECRETARY OF STATE,
COLONIAL OFFICE, S.W.

shipment of Indian Government stores in the next vessel calling at East African ports, so as not to interfere with the shipment which the Crown Agents wish to effect.

I have the honour to be, Sir,

Your obedient Servant,

John Campbell

Regulations governing the Shipment of dangerous cargo in vessels which carry stores for the Government of India.

1. No liquid (turpentine excepted) having a flash point^{*} of less than 110° may be carried under deck, and no liquid (ether and carbon bisulphide excepted) having a lower flash point than 50° may be carried. Packages should be of a suitable size so as to be easily handled in case of emergency. The maximum weight of a package for deck stowage containing spirit, or acid in drums, &c., should not exceed 3 cwt.,† and all deck cargo must be secured to the satisfaction of the India Office Surveyor before the vessel leaves the berth.

2. Shipment of the following articles is *absolutely prohibited*.

Acetylene gas.
Benzine, benzole, benzolene, or similar compounds.
Carbide of calcium.
Dynamite.
Fels Naphtha soap.
Hexane.
Pentane.
Hydroxide of sodium.
Mercury.
Sulphuric acid, unless as an explosive.
Terebinthine.

3. The following, and any other articles liable to spontaneous combustion can only be carried *under deck* provided they are *especially stowed*. No explosives are to be stowed in the same hold as baggage:—

‡ Acetic acid in bottles, cans, or 112 drums.
‡ ~~Ammonium chloride~~
‡ Calcium phosphide.
Carbolic acid in drums.
Celluloid (or Xylonite).
Chlorate of potash.
Chloride of lime.
‡ Chloroform.
Cotton waste.
Felt.
‡ Gold size.
Fog signals.
Holmes Lights.
‡ Lamp black.
Mineral oils. (*Flash point over 110°).
Naphthaline.
Oakum.
Oxalic acid.
‡ Powdered shrofs.
‡ Percussion caps.
Poisons of all sorts.
Safety cartridges. (If over 20 a box magazine required).
Safety fuze.
Safety matches (in limited quantities).
Sarcina powder.
Ship's composition. (*Flash point over 110°).
Tarpaulins.
Tow.
Tracing paper.
Turpentine. (Not turpentine substitute.)

4. The following acids are to be carried on deck, or must receive under deck stowage in accordance with special regulations:—

Hydrochloric acid.
Hydro-fluoric acid.
Nitric acid.
Sulphuric acid.

* The flash points are to be those ascertained by Abel's close test.

† Special arrangements may be made in vessels fitted with approved gangway doors.

‡ If pure turpentine only, with a flash point of 43°.

5. Compressed or liquified gases must be stowed on deck, and certificates furnished in accordance with the special regulations governing their conveyance.

Anhydrous ammonia.
Carbonic acid gas.
Hydrogen gas.
Nitrous oxide.
Oxygen gas.
Sulphur dioxide.

6. The following articles must be carried on deck:--

Absolute alcohol.
Acetic acid in casks.
Acetone.
Ammonia liquor fort.
Bromine.
* Brunswick black. (°If flash point under 110°.)
Carbonic acid in casks.
Carbon disulphide. (To be stowed separate from all other deck cargo).
* Celluloid
* Creosote
Crystal varnish. (If made with benzine shipment is prohibited.)
Ether.
French polish.
Gasoline.
Glossol.
Gold lacquer.
Grenades, hand.
Hydrogen peroxide.
India-rubber solution.
* Japan black. (°If flash point under 110°.)
Methylated spirits.
Naphtha.
Oilskins.
Petroleum or paraffin.
* Phosphorus.
Phosphoric acid.
Potassium.
Pyroxiline.
* Ships' composition. (°Flash point under 110°.)
Sodium.
Spiriting.
Spirit enamel.
Spirit varnish.
Spirits of wine.
Spirits of nitre.
Turpentine substitutes.
Varnishes.
Vulcanite.
Wax vestas.
Xylol.

* The flash points are to be those ascertained by Abel's cone test.

India Office,
2nd November 1908.

L. GRANT DUNN,
Director-General of Stores.

* see also Section 3

5. Compressed or liquified gases must be stowed on deck, and certificates furnished in accordance with the special regulations governing their conveyance.

Anhydrous ammonia.
Carbonic acid gas.
Hydrogen gas.
Nitrous oxide.
Oxygen gas.
Sulphur dioxide.

6. The following articles must be carried *on deck*:

Absolute alcohol.
Acetic acid in casks.
Acetone.
Ammonia liquor fort.
Bromine.
* Brunswick black. (*If flash point under 110°.)
* Carbolic acid in casks.
Carbon bisulphide. (To be stowed separate from all other deck cargo).
* Celluloid.
* Crystal varnish. (If made with benzene shipment is prohibited.)
Ether.
French polish.
Gasoline.
Glossol.
Gold lacquer.
Grenades, hand.
Hydrogen peroxide.
India-rubber solution.
* Japan black. (*If flash point under 110°.)
Methylated spirits.
Naphtha.
Oilskins.
Petroleum or paraffin.
* Phosphorus.
Phosphoric acid.
Potassium.
Pyroxiline.
Ships' composition. (*Flash point under 110°.)
Sodium.
Spiriting.
Spirit enamel.
Spirit varnish.
Spirits of wine.
Spirits of wine.
Spirits of wine.
Terpentins and turpentine.
Varnishes.
Varnishes.
Varnishes.
Wax vestas.
Xylo.

* The flash points are to be those ascertained by Abel's close test.

India Office,
2nd November 1908.

E. GRANT BULL,
Principal General of Stores

+ see also Section 3

5. Compressed or liquified gases must be stowed on deck, and certificates furnished in accordance with the special regulations governing their conveyance.

- Anhydrous ammonia.
- Carbonic acid gas.
- Hydrogen gas.
- Nitrous oxide.
- Oxygen gas.
- Sulphur dioxide.

6. The following articles must be carried on deck:

- Absolute alcohol.
- Acetic acid in casks.
- Acetone.
- Ammoniac liquor fort.
- Bromine.
- † Brunswick black. (*If flash point under 110°.)
- Carbolic acid in casks.
- Carbon bisulphide. (To be stowed separate from all other deck cargo).
- † Cellodion.
- ~~Crude~~ Varnish
- Crystal varnish. (If made with benzine shipment is prohibited.)
- Ether.
- French polish.
- Gasoline.
- Glossol.
- Gold lacquer.
- Grenades, hand.
- Hydrogen peroxide.
- India-rubber solution.
- † Japan black. (*If flash point under 110°.)
- Methylated spirits.
- Naphtha.
- Oilskins.
- Petroleum or paraffin.
- Phosphorus.
- Phosphoric acid.
- Potassium.
- Pyroxiline.
- Ships' composition (*Flash point under 110°.)
- Sodium.
- Spiritine.
- Spirit enamel.
- Spirit varnish.
- Spirits of wine.
- Sweet spirits of nitre.
- Terebene.
- Turpentine substitute.
- Vesuvians.
- Varglos.
- Velvrit thinnings.
- Wax vestas.
- Xylol.

* The flash points are to be those ascertained by Abel's close test.

India Office,
2nd November 1908.

E. GRANT BURLS,
Director-General of Stores.

† see also Section 3

5. Compressed or liquified gases shall be stowed on deck, and certificates furnished in accordance with the special regulations governing their conveyance.

- Anhydrous ammonia.
- Carbonic acid gas.
- Hydrogen gas.
- Nitrous oxide.
- Oxygen gas.
- Sulphur dioxide.

6. The following articles must be carried on deck.

- Absolute alcohol.
- Acetic acid in casks.
- Acetone.
- Ammoniac liquor fort.
- Bromine.
- † Brunswick black. (*If flash point under 110°.)
- Carbolic acid in casks.
- Carbon bisulphide. (To be stowed separate from all other deck cargo).
- † *Cast Varnish*
- Crystal varnish. (If made with benzine shipment is prohibited.)
- Ether.
- French polish.
- Gasoline.
- Glissol.
- Gold lacquer.
- Grenades, hand.
- Hydrogen peroxide.
- India-rubber solution.
- † Japan black. (*If flash point under 110°.)
- Methylated spirits.
- Naphtha.
- Oilskins.
- Petroleum or paraffin.
- Phosphorus.
- Phosphoric acid.
- Potassium.
- Pyroxiline.
- Ships' composition. (*Flash point under 110°.)
- Sodium.
- Spiritae.
- Spirit enamel.
- Spirit varnish.
- Spirits of wine.
- Sweet spirits of nitre.
- Terebene.
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- Wax vestas.
- Nylol.

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India Office,
2nd November 1908.

E. GRANT BURLS,
Director-General of Stores.

† see also Section 3