P. W. CURRENT No. 5867

5.7-94 No 1675

Govt. of {1894} Madras.

JUDICIAL.

Issued

Recd. 7.8.94 Encl. 1

G.O., 20th July 1894, No. 1794.

JULY.

Explosives.

Communicating to certain officers table in use in England showing the minimum distances to be maintained between magazines for the storage of — and various classes of buildings together with sections 46 and 47 of the Statute 38 Victoria, Chapter 17, quoted therein.

No. 2059 dt. 20 August 94

Communicated to officers of the P.W. dept.

2 copies

2 copies sent

Ch. E. Road
Ch. for the
Supt. Engrs
Asst to Govt
Two to Prest.

DESPATCHED
20 AUG. 94

INDEXED

No. 267
A 13/4

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

Read—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

Order—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

Read—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

Order—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

Read—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

Order—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

Read—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

Order—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muniswamy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

Read—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

Order—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

Read—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

Order—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muniswamy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

Read—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

Order—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

Read—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

Order—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

Read—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

Order—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muniswmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

Read—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

Order—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

Read—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

Order—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muniswmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

Read—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

Order—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.

(*b*) The former should not be confined in metallic cases or barrels.

(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

Read—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

Order—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muniswamy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

Read—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

Order—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muniswmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.

(*b*) The former should not be confined in metallic cases or barrels.

(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

Read—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

Order—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muniswamy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muniswmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Munisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

Read—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

Order—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.
(*b*) The former should not be confined in metallic cases or barrels.
(*c*) The magazine should be situated well away from buildings or much frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. C. A. Muuisawmy.

Note for the Index. A. N. Pass

Please reprint and send 56 copies Rev 14/8

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

18TH FEBRUARY 1881, No. 381, JUDICIAL.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper:—

From W. LOGAN, Esq., District Magistrate of Malabar, to the Chief Secretary to Government, dated Calicut, 26th January 1881, No. 252.

I have the honor to request that I may be favored with the instructions of Government as to how much dynamite may safely be stored in one place. A Firm at Calicut, as Agent of "Nobel's Explosive Company, Limited," has requested permission to store ten tons of dynamite in one spot.

ORDER—dated 18th February 1881, No. 381, Judicial.

From information before the Government it would appear that dynamite is comparatively harmless so long as the detonators are kept apart and reasonable care is used.

2. In storing the following precautions should be enforced:—

(*a*) The dynamite and the detonators should be kept in separate buildings.

(*b*) The former should not be confined in metallic cases or barrels.

(*c*) The magazine should be situated well away from buildings or much-frequented roads, be well ventilated and have a light roof, and, where the quantity is at all considerable, be surrounded by heavy earthen traverses as close to the magazine as possible, so that an explosion, if it does occur, may expend its force upwards and not laterally. In a hilly country the cheapest way of preparing a site for a magazine would be to cut out a space on the hill side and place the material excavated as a traverse in front.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the District Magistrate, Malabar.
„ all District Magistrates.

Exd. J. Wright.

Govt. of {1881} Madras.

JUDICIAL.

Issued

Recd. *Encl.*

G.O., 18th February 1881, No. 381.

FEBRUARY.

Dynamite.

Issuing instructions for the storage of —.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following papers :—

G.O., dated 16th June 1894, No. 232, Marine.

ABSTRACT.—Notifying the rules regulating the transport and importation of explosives in the port of Madras.

G.O., dated 27th June 1894, No. 250, Marine.

ABSTRACT.—Notifying an erratum in Rule (*i*) of the rules regulating the transport and importation of explosives in the port of Madras.

ORDER—dated 20th July 1894, No. 1794, Judicial.

At the request of this Government, the Right Honorable the Secretary of State recently obtained and forwarded a copy of a memorandum prepared by Her Majesty's Chief Inspector of Explosives on the subject of the explosion of dynamite which occurred at Santander in November last. In this memorandum the Chief Inspector expressed the opinion that the circumstances attendant upon the explosion proved the sufficiency of the distances adopted in the Table of Distances in use in England. This table, which shows the minimum distances to be maintained between magazines for the storage of explosives and various classes of buildings (styled "Protected works" in the table), together with sections 46 and 47 of the Statute 38 Victoria, Chapter 17, which are alluded to in the table, will be printed as appendices to this order and communicated to all District Magistrates and the Commissioner of Police, Madras, for their information and guidance. Particular attention should be paid to Note (*c*) to the table which contains information regarding the storage of detonators in proximity to explosives and, in this connection, a reference should be made to G.O., dated 18th February 1881, No. 381, Judicial, and to the conditions endorsed upon Form E of the licenses prescribed under the Indian Explosives Act, 1884.

(True Extract.)

J. F. PRICE,
Chief Secretary.

To all District Magistrates.
„ the Commissioner of Police, Madras.
„ the Public Works Department.

Copy to the Military Department.
„ „ Marine Department.

[.Appendices.

gazines and other Danger Buildings.

In a

such height that a line drawn from any part of the Magazine or Danger Building to any part of the Protected Work in question will pass through the intervening ground or mound
inion of a Government Inspector justifies a further reduction, the distance shown in the Table will be reduced to one-quarter. In no case, however, is the distance from Her Maje

Gunpowder, every half pound of such other explosive (with certain exceptions) being reckoned as 1 lb. of Gunpowder.

Amou all or	20 tons "					25 " tons "					30 " tons "					35 " tons "					40 " tons "					45 " tons "					"
Dista fro	0,000	42,000	44,000	46,000	48,000	50,000	52,000	54,000	56,000	58,000	60,000	62,000	64,000	66,000	68,000	70,000	72,000	74,000	76,000	78,000	80,000	82,000	84,000	86,000	88,000	90,000	92,000	94,000	96,000	98,000	10
Roc tl o																														
W	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	
M	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180	182	184	186	188	190	192	194	196	198	
E																														
P	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
C																														
D	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
R	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
P	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
R	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
R	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
A	400	415	430	445	460	475	490	505	520	535	550	565	580	595	610	625	640	655	670	685	700	715	730	745	760	775	790	805	820	835	
M																														
S	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
F	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
P																														
D	,,	475	485	500	510	525	540	550	565	575	590	605	615	630	640	655	670	680	695	705	720	735	745	760	770	785	800	810	825	835	
D	460	475	485	500	510	525	540	550	565	575	590	605	615	630	640	655	670	680	695	705	720	735	745	760	770	785	800	810	825	835	
D	400	415	430	445	460	475	490	505	520	535	550	565	580	595	610	625	640	655	670	685	700	715	730	745	760	775	790	805	820	835	
F	525	1,590	1,655	1,720	1,785	1,850	1,915	1,980	2,045	2,110	2,175	2,240	2,305	2,370	2,435	2,500	2,570	2,640	2,710	2,780	2,850	2,915	2,980	3,045	3,110	3,175	3,240	3,305	3,370	3,435	
C																														
U	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
H																														
T	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
C																														
T	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
P																														
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
F																														
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
Di																														
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	
P	465	2,500	2,535	2,570	2,605	2,640	2,675	2,710	2,745	2,780	2,815	2,850	2,885	2,920	2,955	2,990	3,025	3,060	3,100	3,135	3,170	3,205	3,240	3,275	3,310	3,345	3,380				
	5¼	5¼	5½	5¾	5¾	6	6¼	6¼	6½	6½	6¾	7	7	7¼	7½	7½	7¾	8	8	8¼	8½	8½	8¾	8¾	9	9¼	9¼			

ory, belonging to the same occupier or by mutual consent of the respective occupiers.

4,000 detonators of " sextuple " strength ; with detonators of greater strength the number would be of course less.)

APPENDIX II.

Provision in favour of gunmakers, &c., making cartridges.

46. The occupier of a magazine, store, or registered premises for any explosive shall not be required by this Act to take out a factory license by reason that in connexion with such magazine, store, or premises he fills for sale or otherwise any cartridge for small arms with the said explosive, so that he observe the following regulations; namely,

(1) There shall not be in the room in which such filling is being carried on more than five pounds of gunpowder, or the prescribed amount of any other explosive, except it is made up into safety cartridges; and

(2) Any work unconnected with the making of the cartridges shall not be carried on in the room while such filling is being carried on; and

(3) There shall not be in the room while such filling is being carried on any fire nor any artificial light, except a light of such construction, position, or character as not to cause any danger of fire or explosion; and

(4) In the case of a magazine or store, the room in which the filling is carried on shall be detached from the magazine or store, but in the immediate neighbourhood thereof, and at such distance therefrom as may be specified, in the case of a magazine by the license, and in the case of a store by an Order in Council relating to stores; and

(5) The occupier shall give notice in the case of a magazine to the Secretary of State, and in the case of a store or registered premises to the local authority, that he intends to carry on such filling of cartridges as is allowed by this section.

Provided that this section shall not, except with the consent of the Secretary of State, apply to any magazine or store for which a continuing certificate has been obtained under this Act, which consent the Secretary of State, if satisfied that the filling of cartridges in accordance with this section ought (due regard being had to the safety of the public) to be allowed, may grant either absolutely or upon such conditions as he may, under the special circumstances of the case, think expedient to secure the safety of the public.

The regulations in this section and any conditions so made by the Secretary of State, as last aforesaid, shall be deemed to be general rules under this Act relating to the magazine, store, and registered premises respectively, and the breach of them shall be punished accordingly.

Provision in favour of owners of mines and quarries, as to making charges, &c., for blasting.

47. The occupier of any magazine or store for any explosive shall not be required by this Act to take out a factory license by reason that, in connexion with such magazine or store, he, by filling cartridges, making charges, drying, sifting, fitting, or otherwise, adapts or prepares the said explosive for use exclusively in his mine or quarry, or in some excavation or work carried on by him or under his control, so that he observe the following regulations; namely,

(1) There shall not be in the workshop in which such adaptation or preparation is carried on more than one hundred pounds of gunpowder or the prescribed amount of any other explosive; and

(2) Any work unconnected with such adaptation or preparation shall not be carried on in the said workshop while such adaptation or preparation is being carried on; and

(3) The said workshop shall be detached from the magazine or store, but in the immediate neighbourhood thereof, and at such distance therefrom as may be specified, in the case of a magazine by the license, and in the case of a store by an Order in Council relating to stores; and

(4) An explosive of one description shall not be converted into an explosive of another description, and shall not be unmade or resolved into its ingredients; and

(5) The occupier shall give notice, in the case of a magazine to the Secretary of State, and in the case of a store to the local authority, that he intends to carry on such adaptation or preparation as is allowed by this section.

Provided that this section shall not, except with the consent of the Secretary of State, apply to any magazine or store for which a continuing certificate has been obtained under this Act, which consent the Secretary of State, if satisfied that the adaptation or preparation in accordance with this section ought (due regard being had to the safety of the public) to be allowed, may grant either absolutely or upon such conditions as he may, under the special circumstances of the case, think expedient to secure the safety of the public.

The regulations in this section, and any conditions so made by the Secretary of State as last aforesaid, shall be deemed to be general rules under this Act relating to the magazine and store respectively, and the breach of them shall be punished accordingly.

The following general rules shall apply as if the said workshop were a danger building, that is to say, if the adaptation or preparation carried on is of gunpowder only, the general rules with respect to a factory in Part One of this Act, and in any other case the prescribed general rules; and the breach of such general rules shall be punished in like manner as the breach of general rules with respect to a factory.

Exd. A. Raitt

Govt. of {1894} Madras.

JUDICIAL.

No. 2059 W dd 25 August 1894

Communicated to officers of the P. W. Department

(Sd) J. F. W

Issued

Recd. *Encl.*

G.O., 20th July 1894, No. 1794.

JULY.

Explosives.

Communicating to certain officers table in use in England showing the minimum distances to be maintained between magazines for the storage of — and various classes of buildings together with sections 46 and 47 of the Statute 38 Victoria, Chapter 17, quoted therein.

Ch. E. for I
Ch. E. for Ry
Supdg Engrs
Cct. to Govt
I. of O. P. Project

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following papers :—

G.O., dated 16th June 1894, No. 232, Marine.

ABSTRACT.—Notifying the rules regulating the transport and importation of explosives in the port of Madras.

G.O., dated 27th June 1894, No. 250, Marine.

ABSTRACT.—Notifying an erratum in Rule (*i*) of the rules regulating the transport and importation of explosives in the port of Madras.

ORDER—dated 20th July 1894, No. 1794, Judicial.

At the request of this Government, the Right Honorable the Secretary of State recently obtained and forwarded a copy of a memorandum prepared by Her Majesty's Chief Inspector of Explosives on the subject of the explosion of dynamite which occurred at Santander in November last. In this memorandum the Chief Inspector expressed the opinion that the circumstances attendant upon the explosion proved the sufficiency of the distances adopted in the Table of Distances in use in England. This table, which shows the minimum distances to be maintained between magazines for the storage of explosives and various classes of buildings (styled "Protected works" in the table), together with sections 46 and 47 of the Statute 38 Victoria, Chapter 17, which are alluded to in the table, will be printed as appendices to this order and communicated to all District Magistrates and the Commissioner of Police, Madras, for their information and guidance. Particular attention should be paid to Note (*c*) to the table which contains information regarding the storage of detonators in proximity to explosives and, in this connection, a reference should be made to G.O., dated 18th February 1881, No. 381, Judicial, and to the conditions endorsed upon Form E of the licenses prescribed under the Indian Explosives Act, 1884.

(True Extract.)

J. F. PRICE,
Chief Secretary.

To all District Magistrates.
" the Commissioner of Police, Madras.
" the Public Works Department.
Copy to the Military Department.
" " Marine Department.

[.Appendices.

gazines and other Danger Buildings.

In an

such height that a line drawn from any part of the Magazine or Danger Building to any part of the Protected Work in question will pass through the interver
inion of a Government Inspector justifies a further reduction, the distance shown in the Table will be reduced to one-quarter. In no case, however, is the dis

Gunpowder, every half pound of such other explosive (with certain exceptions) being reckoned as 1 *lb. of Gunpowder.*

Amoun allo or L	20 "tons"					25 "tons"					30 "tons"					35 "tons"					40 "tons"					45 "tons"	
Distan from	,000	42,000	44,000	46,000	48,000	50,000	52,000	54,000	56,000	58,000	60,000	62,000	64,000	66,000	68,000	70,000	72,000	74,000	76,000	78,000	80,000	82,000	84,000	86,000	88,000	90,000	92,000
Roor th of																											
W	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96
Mi	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180	182	184	186	188	190	192
Hi																											
Pr	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
Ca																											
D	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
Ri	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
Pi	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
Re	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
Re	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
Ar	400	415	430	445	460	475	490	505	520	535	550	565	580	595	610	625	640	655	670	685	700	715	730	745	760	775	790
M																											
St	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
Fu	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
Pu																											
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
D	460	475	485	500	510	525	540	550	565	575	590	605	615	630	640	655	670	680	695	705	720	735	745	760	770	785	80
D	400	415	430	445	460	475	490	505	520	535	550	565	580	595	610	625	640	655	670	685	700	715	730	745	760	775	79
Fa	525	1,590	1,655	1,720	1,785	1,850	1,915	1,980	2,045	2,110	2,175	2,240	2,305	2,370	2,435	2,500	2,570	2,640	2,710	2,780	2,850	2,915	2,980	3,045	3,110	3,175	3,24
Ch																											
Ur	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
H																											
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
To																											
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
C																											
Th	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
Pu																											
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
Fa																											
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
Di																											
	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
Pa	465	2,500	2,535	2,570	2,605	2,640	2,675	2,710	2,745	2,780	2,815	2,850	2,885	2,920	2,955	2,990	3,025	3,060	3,100	3,135	3,170	3,205	3,240	3,275	3,310	3,345	
	5¼	5¼	5½	5¾	5¾	6	6¼	6¼	6½	6½	6¾	7	7	7¼	7½	7½	7¾	8	8	8¼	8½	8½	8¾	8¾	9	9½	

ry, belonging to the same occupier or by mutual consent of the respective occupiers.

,000 detonators of "sextuple" strength; with detonators of greater strength the number would be of course less.)