

QUARRY REGULATIONS

ARRANGEMENT OF REGULATIONS

REGULATION

1. Citation.

SAFETY OF THE QUARRY

2. Prevention of dangerous falls.
3. Quarry worked in or without steps or galleries.
4. Space between outside rails of tramways and edges of galleries.
5. Top of quarry and shaft to be fenced.

BLASTING

6. Storing of explosives, fuse or detonator.
7. Tool to be used for charging or stemming a hole.
8. Hole to be charged or fired by authorised person.
9. Warnings to be given before blasting.
10. Length of fuse.
11. Number of explosions and "all safe" signal.
12. Provision of shelters.
13. Charge that has missed fire.
14. Regulations for blasting to be displayed.

ACCESS TO THE QUARRY

15. Secure means of access.

MACHINERY AND PLANT

16. Making of further regulations.
17. External inspection of appliances by competent persons.
18. Cleaning of machinery.
19. Repair.

DUTIES OF OFFICIALS AND WORKMEN

20. Implementation of regulations.
21. Inspection of working place or appliances.
22. Workman to examine his working place.
23. Warning to be given.
24. Regulations to be posted at Quarry.

[Subsidiary]

G..28.10.15.
[13.3.30
142/1946].

QUARRY REGULATIONS

made under section 25

Citation.

1. These Regulations may be cited as the Quarry Regulations.

SAFETY OF THE QUARRY

Prevention of dangerous falls.

2. (1) The working of the sides, tops, or overburden of the quarry shall be carried on so as to prevent dangerous falls.

(2) The overburden or tops of the quarry, and all loose ground or material, shall be cleared far enough back from the edge of the quarry to prevent danger to the persons employed.

Quarry worked in or without steps or galleries.

3. When the quarry is worked in steps or galleries, these shall be of sufficient breadth in comparison with their height to ensure safety. When the quarry is worked without steps or galleries, sufficient support to the sides shall be left to ensure safety to those employed.

Space between outside rails of tramways and edges of galleries.

4. There shall be a clear space between the outside rails of tramways and the edges of galleries, sufficient to prevent both the falling of stones from the wagons and the falling of the men themselves to galleries below. Where such a space is impracticable the edges shall be securely fenced.

Top of quarry and shaft to be fenced.

5. The top of the quarry, if dangerous, and the top of every shaft shall be securely fenced.

BLASTING

Storing of explosives, fuse or detonator.

6. (1) No explosive and no fuse or detonator shall be stored otherwise than in a magazine constructed and situated in accordance with the requirements and subject to the approval of the Senior Inspector of Factories.

(2) Explosives, fuses and detonators required for blasting shall be conveyed from the magazine to the quarry at the time required and shall be kept till used in secure cases or canisters so made and closed as to prevent any escape of the explosives and any danger from sparks. Detonators shall be kept in separate and secure boxes.

(3) Explosives, fuses and detonators not used in any blasting operation shall be returned immediately after any such operation to the magazine.

7. No iron or steel tool shall be used for charging or stemming a hole when dynamite is the explosive employed, and wooden rammers only shall be used. When powder is the explosive, copper or wooden rammers shall be used. No straw fuses shall be used.

Tool to be used for charging or stemming a hole.

After firing a charge of any explosive, no further charge shall be introduced into the hole nor into any rent made until after the lapse of half an hour.

8. No hole shall be charged or fired by any person unless duly authorised by the owner, agent or manager.

Hole to be charged or fired by authorised person

9. Due warning shall be given by an efficient system of signals before blasting may be commenced and when it is finished. In quarries where blasting occurs daily, it shall as far as possible take place only at fixed stated intervals. Where danger from blasting may arise to the public, efficient means shall be taken to give them due warning.

Warnings to be given before blasting.

10. The length of the fuse used shall in every case be sufficient to allow the firer to escape to a place of safety, and shall be so regulated that the charges shall explode at distinct intervals so that they may be easily counted.

Length of fuse.

11. The number of explosions shall be carefully counted and note taken thereof, and when the full number of explosions have been heard the signal for "all safe" shall be given by horn, bell or whistle.

Number of explosions and "all safe" signal.

12. A sufficient number of proper shelters shall be provided (which must be used by the persons employed) except where all leave the quarry during blasting.

Provision of shelters.

13. If a shot has apparently missed fire, no person shall be allowed to go near it until after a lapse of half an hour from the time the fuse was ignited. The person or persons whose shot has apparently missed fire shall immediately give warning of the same. A shot shall under no

Charge that has missed fire.

LAWS OF TRINIDAD AND TOBAGO

MINISTRY OF LEGAL AFFAIRS

www.legalaffairs.gov.tt

64

Chap. 61:03

Minerals

[Subsidiary]

Quarry Regulations

consideration be unrammed, bored or picked out and no hole shall be bored within twelve inches of the one that has missed fire. After the time specified has elapsed, another hole shall be bored for the purpose of dislodging or exploding the charge that has missed fire, and such hole shall be bored in such a direction that it will not touch at any point the hole containing the charge that has missed fire. After the shot has been fired a careful search shall be made amongst the material dislodged to recover the charge that has missed fire.

Regulations for blasting to be displayed.

14. The owner, agent or manager shall frame regulations as to intervals and signals for blasting, copies of which shall be kept constantly affixed in the quarry office, and in a sufficient number of places in and adjacent to the quarry.

ACCESS TO THE QUARRY

Secure means of access.

15. Secure means of access shall be provided by which workmen go to and from their working places.

MACHINERY AND PLANT

Making of further regulations.

16. Where machinery is used for raising and lowering persons, further regulations shall be made to suit the special circumstances of the case, copies of which shall be kept posted at the quarry.

External inspection of appliances by competent persons.

17. A competent person appointed for the purpose shall daily inspect the external parts of the plant, machinery and appliances, and shall forthwith make or cause to be made a true report, signed by himself, of the condition thereof, in a book to be kept at the quarry.

Cleaning of machinery.

18. Machinery shall not be cleaned while in motion.

Repair.

19. The machinery, appliances and permanent ways shall be kept in an efficient state of repair.

DUTIES OF OFFICIALS AND WORKMEN

Implementation of regulations.

20. The owner or some competent person appointed by him or his agent shall see that the provisions of the regulations relating to Quarries and any regulations hereafter made are carried out.

21. The owner, agent or manager or person in charge shall daily inspect every working place, and shall satisfy himself as to the safety of any rope or other appliance used by the workmen; he shall also record all dangers observed by him or notified to him by the workmen, in a book to be kept at the quarry for the purpose, which shall be duly signed.

Inspection of working place or appliances.

22. Each workman shall, before commencing work and during the course of it and especially after blasting, make a careful examination of his working place, and remove any loose rock, stone or ground which might be dangerous.

Workman to examine his working place.

23. No workman shall throw down rock, stones, ground or other material which might endanger other persons, without giving them warning and seeing that they have retired to a safe place.

Warning to be given.

Every workman who notices anything that appears unsafe or likely to produce danger shall forthwith report it to the owner, agent, manager or person in charge.

24. A copy of the Regulations for the time being in force shall be kept constantly posted at the Quarry in a conspicuous place, where it can be conveniently read by persons employed.

Regulations to be posted at Quarry.