

**RULES  
OF  
TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
WATER RESOURCES DIVISION**

**CHAPTER 0400-42-06  
BLASTING**

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**0400-42-06-.01 RELEVANT PUBLICATIONS AND PUBLIC LAWS.**

The use of blasting agents relevant in the production of certain minerals regulated by the Tennessee Surface Mining Law, T.C.A. §§ 59-8-201 through 59-8-228 shall be in accordance with the specifications set forth by the U.S, Department of Labor, Mine Safety and Health Administration in 30 CFR, Subpart E – Explosives, §§ 57.6000 et seq. Further, Surface Mine Operators shall comply with T.C.A. §§ 68-105-101 et seq., administered by the Commissioner of Commerce and Insurance. Blasting definitions shall be in accordance with the above references.

**Authority:** T.C.A. §§ 59-8-201 et seq. and 4-5-201 et seq. **Administrative History:** Original rule filed August 2, 2012; effective October 31, 2012. Rule renumbered from 0400-03-06.

**0400-42-06-.02 BLASTING REGULATIONS.**

- (1) Blasting Time. Blasting shall be limited to the hours between sunrise and sunset. Blasting on Sunday is prohibited.
- (2) Blasting Warning. When blasting is to occur within 1000 feet of an occupied dwelling or outbuildings, the operator or his authorized representative shall notify all persons involved that a blast is to be detonated, stating the approximate time. A one hour notification must be given prior to and immediately after blasting.
- (3) Approaches to Blast Area. All approaches to the blast area shall be guarded against unauthorized entry prior to and after blasting.
- (4) Blasting Prohibited.
  - (a) Blasting may be prohibited where conditions in spoil slopes, due to wetting of the mass, are such that landslides may be initiated by blasting.
  - (b) The Director of Water Resources or his authorized representative may prohibit blasting in specific areas where it is deemed necessary for public safety.
- (5) Control of Blasting. The amount of charge, length of stemming and number of delays shall be so as to prevent damage to adjoining properties, to minimize contamination of the atmosphere, to minimize effects to the quality of water of streams, and to minimize disturbance of wildlife within the area.

**Authority:** T.C.A. §§ 59-8-201 et seq. and 4-5-201 et seq. **Administrative History:** Original rule filed August 2, 2012; effective October 31, 2012. Rule renumbered from 0400-03-06.

**0400-42-06-.03 RECORDS.**

- (1) A record of each blast shall be kept.
- (2) All records, reports, shall be retained at least two years and shall be available for inspection and shall contain the following minimum data:
  - (a) Name of Company or Contractor.
  - (b) Location, date, and time of blast.
  - (c) Name, signature of blaster in charge.
  - (d) Number of holes, burden, spacing, and length of stemming.
  - (e) Diameter and depth of holes.
  - (f) Types of explosives used (trade name and strength).
  - (g) Total amount of charge used.
  - (h) Maximum amount of charges per delay period of eight (8) milli-seconds or greater.
  - (i) Weather conditions.
  - (j) The person taking the seismograph reading shall accurately indicate exact location of seismograph if used, and shall show the distance of seismograph from blast.
  - (k) Seismograph records, where required:
    1. Name of person and firm analyzing the seismograph record.

**Authority:** T.C.A. §§ 59-8-201 et seq. and 4-5-201 et seq. **Administrative History:** Original rule filed August 2, 2012; effective October 31, 2012. Rule renumbered from 0400-03-06.