

TITLE 62: MINING
CHAPTER I: DEPARTMENT OF NATURAL RESOURCES

PART 140
THE COAL MINING ACT

Section

- 140.10 Plans to be Submitted to the Department
140.20 Requirement Concerning Removal of Vehicle Wheels, Tires, and Valve Cores
140.30 Coal Quality Testing Program

AUTHORITY: Implementing Section 2.02 and 2.12 of the Coal Mining Act [225 ILCS 705/2.02 and 2.12] and P.A. 88-0599, adopted September 1, 1994 [20 ILCS 1905/47].

SOURCE: Adopted May 13, 1975; codified at 8 Ill. Reg. 8509; emergency amendment added at 18 Ill. Reg. 15167, effective October 1, 1994, for a maximum of 150 days; amended at 19 Ill. Reg. 2461, effective February 21, 1995; amended at 38 Ill. Reg. 18711, effective August 29, 2014.

Section 140.10 Plans to be Submitted to the Department

It is ordered by the Mining Board that all coal companies in Illinois comply and submit to the Department of Natural Resources, Office of Mines and Minerals, the following:

- a) Safety and operational training and retraining plans;
- b) Roof control plan;
- c) Ventilation and methane and dust control plan;
- d) Fan stoppage plan;
- e) Sealing or ventilating abandoned sections plan;
- f) Filing map of temporarily abandoned mining;
- g) Emergency medical assistance plan;
- h) Search program plan (smoking materials);
- i) Detailed list of all electric face equipment;
- j) Clean-up program plan;

- k) Notification when reopening mine;
- l) Program of instructions pertaining to fire fighting and evacuation procedures;
- m) Up-to-date map (twice a year). Each map shall show:
 - 1) All active workings;
 - 2) Electrical layout map; and
 - 3) Denote each split of air and designate intake and return air flow.
- n) There shall be weekly safety talks for the purpose of indoctrination. A record of the weekly safety talks shall be kept in the mine office and the subject matter discussed shall be contained in a weekly report. This report is to be inspected by the State Mine Inspector and a report shall be made on each monthly inspection report submitted to the Department of Natural Resources, Office of Mines and Minerals by the District State Mine Inspector.

Section 140.20 Requirement Concerning Removal of Vehicle Wheels, Tires, and Valve Cores

- a) It is the ruling of the Mining Board that all wheels be removed from the vehicle and all tires shall be removed from the wheels before any welding, cutting, or heating of any kind is done on the wheel.
- b) It is also the ruling that, before any attempt to remove a tire from a wheel, the valve core must be removed from the valve stem as assurance that the internal pressure of the tire does not exceed the normal atmospheric pressure.
- c) This procedure shall be followed at all mines in the State of Illinois.

Section 140.30 Coal Quality Testing Program

- a) The Department of Natural Resources-Office of Mines and Minerals' (Department) analytical laboratory, located in Benton, Illinois, is authorized to test the quality of coal delivered under State coal purchase contracts.
- b) References in this Section to ASTM Standards refer to the 2014 Annual Book of ASTM Standards, Section 05 – Fossil Fuels, Volume 06 – Gaseous Fuels; Coal and Coke; Bioenergy and Industrial Chemicals from Biomass, published by the American Society for Testing and Materials, ASTM International, 100 Barr

Harbor Drive, P.O. Box C700, West Conshohocken PA 19428-2959 (no incorporation in this Part contains later editions or amendments).

- c) The Department shall analyze samples taken from coal shipments under State contracts provided by any agency or institution of the State of Illinois (the delivering agency), if the samples are:
 - 1) submitted with a minimum of 6 pounds and a maximum of 42 pounds of coal per sample bag;
 - 2) identified as having been submitted by a specific delivering agency;
 - 3) received by the Department's Benton, Illinois analytical laboratory by the 10th day of the month; and
 - 4) collected as required by ASTM Standards D2234/D2234M-10 for the collection of a gross sample of coal.
- d) The Department shall grind all acceptable coal sample bags from a delivering agency during the third week of the month to the specifications of ASTM Standards D2013/D2013M-12 for preparing coal samples for analysis with the deviation of storing a minimum of 500 grams of composited 8 mesh sample for repeat analysis if requested.
- e) The Department shall perform a short proximate analysis on the 60 mesh coal sample using testing procedures that conform to ASTM Standards D3174-12, D3302/D3302M-12, D5865-13, and D4239-14.
- f) The results of the analysis shall be reported to the delivering agency in accordance with subsection (f). The Department shall retain the undried 500 gram sample for 90 days from the date the results of the analysis are sent to the delivering agency.
- g) The Department shall report the results of its coal quality analysis to the delivering agency by the end of the month in which it is processed and will submit a bill for the coal quality analysis performed, based upon the following schedule:

Analysis of composited sample (after initial grinding to 8 mesh size; a composite of multiple gross samples)	\$100
Compositing of a gross sample (prior to grinding; usually a 50 lb. bag)	\$25
Exceeding 50 lbs in a bag of coal	\$25

- h) The Department shall process each sample bag submitted by a delivering agency after the 10th day of the month as a new sample at the rates established in subsection (f).

(Source: Amended at 38 Ill. Reg. 18711, effective August, 29, 2014)