**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:

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| 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)