

PA BITUMINOUS EQUIPMENT APPROVAL APPLICATION PROCESS

An application for a PA approval of a new or modified piece of equipment shall include a cover letter and three (3) sets of the technical submission in hard copy format delivered to:

**DEP New Stanton District Office/Bureau of Mine Safety
Attn: Arthur Brower, PE
Electrical Engineering Manager
131 Broadview Road
New Stanton, PA 15672**

Additional information may be found on our web site:

http://www.depweb.state.pa.us/portal/server.pt/community/deep_mine_safety/13990

Upon receipt you will receive a letter of confirmation and the name of the assigned Inspector. An APS tracking number will be assigned; this and the Inspectors name must appear on ALL subsequent correspondence.

Submission Requirements for a *New Approval*

- Cover letter
 - Name of entity seeking approval
 - Indicate whether this is a new approval or modification to an existing approval
 - Model and/or serial number to be permitted (each model number must be a separate submission)
 - Contact information: phone number, address and email
- Supporting Documentation
 - MSHA approval documents, including RAMPS, STE certifications, etc. (if applicable)
 - MSHA 2G approval certification letter if applying for permissible BFE equipment type
 - Copy of package submitted to MSHA for their approval process (if applicable)
 - Any independent test data (if applicable)
 - For diesel equipment: a diesel database input form and MSHA test data must be submitted
- Technical Submission
 - General
 - Bill of material keyed to drawings
 - Data sheets for all components
 - Functional/operational description
 - Operation & Maintenance Manuals
 - Electrical Scope
 - Conductor type, size and length
 - Equipment ratings: current/VA ratings/impedance, voltage classes, circuit breaker/fuse sizing and relay settings, RFI blasting calculations
 - Plan and layout drawings
 - Single line diagrams for power systems
 - Wiring schematics
 - Mechanical Scope
 - Fire suppression drawing(s) with manufacturers certification letter
 - Hydraulic piping and/or schematic diagrams
 - Packing gland and flame path drawings with tolerances
 - Braking system drawings/diagrams with functional description.

Submission Requirements for a *Modification to an Existing Approval*

Similar information as noted above is required with the following clarifications:

- Cover letter must indicate PA Approval Number that is being modified
- Cover letter must clearly state the scope of, and the reason for, the modification
- Only technical documents affected by the change need be submitted
- Revisions must be clearly annotated on the documents