

## PENNSYLVANIA BITUMINOUS EQUIPMENT APPROVAL APPLICATION PROCESS (ELECTRONIC)

An application for a PA approval of a new or modified piece of equipment shall include a cover letter and all technical documentation submitted in a PDF format emailed, or other electronic methods (drop box, etc.), to:

**abrower@pa.gov**  
**Arthur Brower, PE Electrical Engineering Manager**  
**724.404.3153**

Additional information may be found on our web site: [PA DEP Bureau of Mine Safety Equipment Approvals](#)

Upon receipt you will receive an email request to conduct the process electronically. Upon confirmation a letter of confirmation will be forwarded with an APS tracking number the name of the assigned Inspector. The APS number and the name of the Inspectors 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