

1.0 PURPOSE

To establish administrative procedures to accept applications for approval under part 7, subpart E, Category A (permissible), Title 30 Code of Federal Regulations (30CFR), from applicants other than engine manufacturers.

2.0 SCOPE

This document encompasses all applications for diesel engines submitted for approval as a Category A engine by a party other than the original engine manufacturer.

3.0 REFERENCES

- 3.1. Part 7 subparts A and E
- 3.2. Letter to all Diesel Power Package Manufacturers and Diesel Engine Manufacturers, dated July 31, 2006 (attached)

4.0 DEFINITIONS

- 4.1. Applicant: Subpart A, section 7.2 defines an applicant as an individual or organization that manufactures or controls the assembly of a product and that applies to MSHA for approval of that product

5.0 APPLICATION PROCEDURE

Applications for approval of Category A engines under part 7 subpart E from non-engine manufacturers must comply with the same standard application procedures for engine manufacturers with the following stipulations:

- 5.1. The Category A application must be made in conjunction with an application for a diesel power package approval under part 7 subpart F.
- 5.2. The diesel engine must have prior approval under Part 7, Category B.
- 5.3. The engine must operate within engine manufacturer's specifications. Some deviations involving parameters that do not adversely effect safety and health such as exhaust system backpressure will be considered on a case-by-case basis.
- 5.4. MSHA will require documentation not required for Category B. The applicant is responsible for coordinating efforts between the Category B

approval holder and MSHA to ensure the additional information is provided.

- 5.5. Exhaust treatment devices may be submitted for evaluation with the engine. Devices will be evaluated to determine their effects on engine ventilation rate, particulate index, *etc.*
- 5.6. Power ratings and speeds other than those in the Category B approval may be submitted with the Category A application. These specifications cannot be greater than Category B settings. Settings will be tested to establish ventilation rates and particulate indices.
- 5.7. Applicants must follow Part 7 procedures which include test laboratory requirements. General requirements for Part 7 approvals specified in Subpart A must also be met.
- 5.8. MSHA may conduct the Category A approval testing at the A&CC, depending upon testing backlogs.
- 5.9. Engines approved under this program must have two engine approval labels attached. A Category B approval label will be installed by the engine manufacturer, and a Category A approval label must be installed by the diesel power package manufacturer.

U.S. Department of Labor

cc. M&ESD.
THANNES,
7/31/06
Mine Safety and Health Administration
Industrial Park Road
RR1, Box 251
Triadelphia, West Virginia 26059



July 31, 2006

Letter to all Diesel Power Package Manufacturers and Diesel Engine Manufacturers

The development of permissible diesel equipment utilizing newer engines has been hindered due to the small number of permissible engines approved under Code of Federal Regulations, Title 30 Part 7 Subpart E. This letter announces a change in the Mine Safety and Health Administration's (MSHA) Approval and Certification Center (A&CC) procedures to help promote a greater availability of engines for permissible machines.

The A&CC approves engines that are installed in permissible diesel equipment for use in underground gassy mines. Part 7 lists two categories of engines: Category A, (engines for use where permissible electric equipment is required) and Category B, (engines for use where nonpermissible electric equipment is allowed). Part 7 defines an applicant as an organization that manufactures or controls the assembly of a product and that applies to MSHA for approval of that product. To date MSHA has only considered engine manufacturers as applicants for engine Approvals. Due to the limited supply of permissible engines, MSHA will also consider parties other than the engine manufacturer as applicants for Category A engine approvals under specific conditions. Applications for Category A diesel engine approvals from a third party will be accepted under the following conditions:

- The Category A application must be made in conjunction with an application for a diesel power package approval under Subpart F.
The diesel engine must have prior approval under Part 7, Category B.
- The engine must operate within the engine manufacturer's specifications.
MSHA will require additional specifications that are not required for Category B. The applicant may be responsible for coordinating efforts between the Category B approval holder and MSHA to ensure that the additional information is provided.
- Exhaust treatment devices may be submitted for evaluation with the engine. Devices will be evaluated to determine their effects on engine ventilation rate, particulate index, etc.
- Power ratings and speeds other than those in the Category B approval may be submitted with the Category A application. These specifications cannot be greater than Category B settings. Settings will be tested to establish ventilation rates and particulate indexes. Applicants must follow Part 7 procedures which include test laboratory requirements. General requirements for Part 7 approvals specified in Subpart A must also be met.
- MSHA may conduct the Category A testing at the A&CC, depending on testing backlogs.
- A Category B approval label will be installed by the engine manufacturer, and a Category A approval label must be installed by the diesel power package manufacturer.

If you have any questions, please call Mr. Robert Setren at 304-547-2070.

Sincerely,

A handwritten signature in cursive script, reading "John P. Faini", is positioned above the typed name.

John P. Faini
Chief, Mechanical & Engineering Safety Division, A&CC