

1.0 PURPOSE

To provide guidance to the investigator in evaluating enclosures which have special features that require conditions of use.

2.0 SCOPE

This POL encompasses explosion-proof enclosures submitted to MSHA for evaluation under 30 CFR, Part 18 and motors submitted for evaluation under 30 CFR, Part 7.

3.0 REFERENCES

30 CFR 18.20(b)

4.0 DEFINITIONS

4.1 Special Features – When an enclosure is designed so that it is only explosion-proof when a certain design feature is used. For example, a plug and receptacle assembly relies on a pilot circuit and is required to have a warning plate that indicates “certification is valid only when pilot circuit is used”.

4.2 Conditions of Use – When an enclosure relies on a certain use to maintain the explosion-proof integrity. For example, one explosion-proof enclosure has to be used in conjunction with another explosion-proof enclosure due to a common epoxied gland.

5.0 POLICY

When certification of an explosion-proof enclosure depends on a special feature or condition of use, a statement shall be included on the certification plate, or on a separate plate, which identifies the special feature or condition of use. An example of this statement is “This certification is valid only when used in conjunction with the Model A-1 Enclosure certified under X/P-999-0”.

The statement may be included on the certification plate or on a separate plate. If the statement is on a separate plate, the plate must be of serviceable material and must be mounted as close to the certification plate as possible. A drawing or view of the plate must be submitted to MSHA for evaluation and must be maintained on file with MSHA.