

1.0 PURPOSE

The purpose of this document is to provide guidance to MSHA investigators in specifying cables and cable ranges on drawing lists.

2.0 SCOPE

This policy applies to explosion-proof enclosures submitted to MSHA for evaluation under 30 CFR Parts 7 and 18.

3.0 REFERENCES

3.1. 30 CFR 7.304(h)

3.2. 30 CFR 18.37

4.0 DEFINITIONS

None

5.0 POLICY

5.1. Drawing lists for explosion-proof enclosures must list the calculated ranges of cable outside diameters that the specified gland parts can accommodate. The calculated ranges must be determined by the requirements of 30 CFR 7.304(h) or 30 CFR 18.37.

5.2. In instances where there is no drawing list, such as on simplified certifications, the cable ranges must be specified in the final report.

5.3. When packing gland assemblies are modified as part of a machine approval application, the final report or RAMP form, whichever is applicable, must specify the calculated ranges of cable outside diameters that the specified gland parts can accommodate. The calculated ranges must be determined by the requirements of 30 CFR 7.304(h) or 30 CFR 18.37.