

Experience Requirement for Underground Coal Mine Electrical Super-intendent's Certification

Occupational Health and Safety Regulation Section 32

32 (2) A Director of Inspection may issue an underground coal mine electrical superintendent's certificate to

- (a) a worker who is a professional engineer in the electrical discipline and has experience in underground coal mining totaling at least 2 years and has demonstrated knowledge of the Act, the regulations and the relevant portions of the adopted code acceptable to a Director of Inspection,
 - (b) a worker who holds a trade certificate in the trade of electrician under the *Apprenticeship and Industry Training Act* or a certificate in the trade of electrician issued by another jurisdiction in Canada bearing an interprovincial standards red seal, demonstrates to a Director of Inspection satisfactory knowledge of the Act, the regulations and the relevant portions of the adopted code and at least
 - (i) 3 years of electrical experience in underground coal mining or its equivalent, or
 - (ii) 4 years of electrical experience, including at least one year in underground coal mining,
 - (c) a worker who has other training and experience acceptable to a Director of Inspection, or
 - (d) a worker who satisfies a Director of Inspection that the worker holds valid and current documentation from an equivalent certifying authority in another jurisdiction of Canada that is an underground coal mine electrical superintendent's certificate in that jurisdiction or that is recognized by that Director as the equivalent in that jurisdiction of an underground coal mine electrical superintendent's certificate issuable under this section.
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Experience Guidelines

- Underground coal mine experience
- Electrical distribution experience
- Hazardous classification
- Canadian Electrical Code experience and application
- CSA Standards for Mines related to Electrical – CSA-M421
- Zoning requirements
- Intrinsically safe equipment installation
- Ground potential and fault monitoring
- Electrical systems and blasting