

SYNOPSIS

IS 14494 : 2019

ELASTOMER INSULATED FLEXIBLE CABLES FOR USE IN MINES – SPECIFICATION (*First Revision*)

This standard covers the requirements of flexible cables of the following voltage grades for use in coal mines, quarries and other miscellaneous mines:

1.1, 3.3, 3.8/6.6 and 6.35/11 kV

These cables are suitable for use where the combination of ambient temperature and temperature-rise due to load results in conductor temperature not exceeding 90°C under normal operation and 250°C under short circuit conditions.

The standard was originally published in 1998 as a single standard for mining cables, superseding IS 691:1984 and IS 1026:1984. This revision has been undertaken to update it with the present manufacturing practices and to review it with the applicable changes, if any, as per the current regulations related to flexible cables for use in mines.

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