

FEATURES OF CONSTRUCTION OF AN ELECTROTECHNICAL COMPLEX OF A SITE OF MINE.

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The local electric system of mine is intended for transfer of the electric power from local transformer substation to all consumers of a site the main things from which are electric motors of a coal-mining combine, scraper conveyor, etc. In electric system structure, except set of asynchronous motor and cable lines, magnetic actuators, automatic switches and an other electric equipment pressure to 1140 V

Schemes of an electrical supply of sites of mines very various enter also and are defined by way of preparation of a mine field, working out system, the quantity of current collectors accepted by working pressure and other factors. The choice of pressure for an electrical supply of sites is defined by quantity, capacity and appointment of receivers of the electric power. For asynchronous motor of Jackhammer and mechanisms use 660V , for the other sites - is used 1140.