

عنوان مقاله:

Destructive Impacts of Explosion & Estimating Maximum Weight of Authorized Explosive Materials at Constructive Projects with Case Study of Explosions at Jamishan Reservoir Dam

محل انتشار:

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خلاصه مقاله:

Maximum velocity of particles and specifying pattern for energy radiation and nature of frequency as a result of explosions is regarded as most important criterion for evaluating dangers as a result of trembling earth. Based on researches it is indicated that these parameters may indicate possible damage. Until now different relations are offered for calculating these parameters by researchers but none of them has application in all of the fields and each of them in accordance with regional conditions including geology, tectonic and rock mechanics may have application at that special region. In these studies by registering and processing seismographs related to seismic data as a result of 20 explosion at Jamishan reservoir dam located at Sangher the status of vulnerability of diversion tunnel and cutoff wall of dam and also adjacent village was studied and the results are analyzed based on received data and comparing with available standards and the best method of boring and level of explosive materials for preventing from possible damages are offered.

کلمات کلیدی:

Seismograph, Tunnel, Cutoff Wall, Explosion, Boring

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