Mining Product: ErgoMine

Keywords: Bagging Ergonomic design Ergonomics programs Fall protection Haulage trucks ...
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Original creation date: April 2016

What is ErgoMine?

ErgoMine is an ergonomics audit tool designed specifically for mining. It includes audits for bagging, haul truck, and maintenance and repair operations at surface mining and processing facilities. Based on your responses to the audit questions, ErgoMine provides recommendations when there is an opportunity for ergonomics improvement. Once you have completed an audit, you can review the recommendations on your mobile device or you can email the recommendations to the recipients of your choice.

What are the benefits of conducting an audit?

Most mineworkers can conduct ergonomics audits reliably with a well-designed audit tool. The audit can be even more thorough than one conducted by an expert practitioner with respect to identifying ergonomics deficiencies in the workplace. ErgoMine can benefit your mine site by allowing workers without formal ergonomics training to identify issues and mitigate risks. You can also use ErgoMine to conduct audits before and after you make changes to the work environment to determine the impact on the workplace.

How to use this software:

- Refer to the Help Guide for an overview of the features and functions.

Installation notes:

- ErgoMine 1.0 is developed as a mobile application for the Android platform.
- Using an Android device, use the direct link below to the application's Google Play store page or go to the store and search on "ErgoMine" to locate and install this program.

NEW: The audits are also provided in PDF format for printing and use in the classic clipboard-and-pencil style.

Select your printable audit:

- Bagging
- Haul Truck
- Maintenance & repair

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Software (Android) - April 2016

Version: 1.0

Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH), 2016 Apr.

Google Play Store

Reference - May 2016

Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH), 2016 May.

Bagging 23.15 MB

Haul Truck 2.42 MB

Maint. & Repair 3.03 MB

See Also

- Ergonomic and Existing Seat Designs Compared on Underground Mine Haulage Vehicles
- Ergonomics: Beyond Compliance
- Experiments on Personal Equipment for Low Seam Coal Miners: IV. Incorporating Coiled Cord Into Cap Lamp Battery Cords
- Implementation of an Ergonomics Process at a US Surface Coal Mine
- Job Design: An Effective Strategy for Reducing Back Injuries
- A Method for Evaluating System Interactions in a Dynamic Work Environment
- Task Analysis
- Test Results of Collision Warning Systems for Surface Mining Dump Trucks
- Tying Acceleration and GPS Location Information Together To Create a Mine Management Tool
- Whole-Body Vibration Exposure Comparison of Seat Designs for Low- and Mid-Seam Shuttle Cars in Underground Coal Mines

File Formats Help:

How do I view different file formats (PDF, DOC, PPT, MPEG) on this site?

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