

FACT SHEET



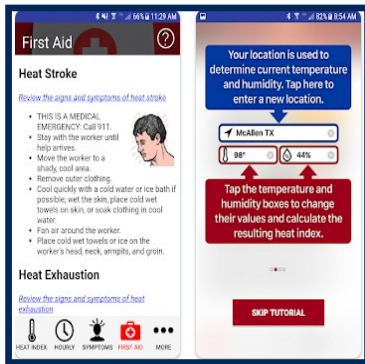
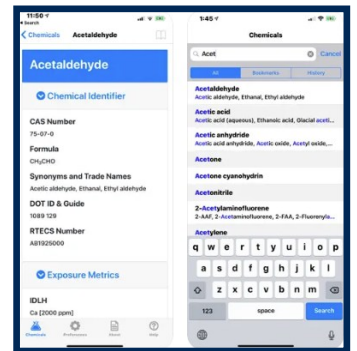
HEALTH, SAFETY & ENVIRONMENT BULLETIN: APP GUIDE



NIOSH Mobile Pocket Guide

The NIOSH Mobile Pocket Guide to Chemical Hazards (mNPG) is a database of customizable workplace chemical information including exposure limits, chemical/physical properties, personal protective equipment (PPE), respirators, and first aid.

- Key information and data for 677 chemicals or substance groupings found in the work environment.
- The Recommended Exposure Limits (RELs) & Permissible Exposure Limits (PELs) as determined by NIOSH for all listed chemicals and substances.
- The ability to search by name, synonym, Department of Transportation Number, Chemical Abstracts Service number, and Registry of Toxic Effects of Chemical Substances Number.
- Review and save chemical records for physical properties, health hazards, first aid, respirator, and PPE recommendations and regulatory info.



OSHA NIOSH Heat Safety Tool

The OSHA-NIOSH Heat Safety Tool app is designed to help workers manage heat-related risks by using the real-time heat index and hourly forecasts specific to your location.

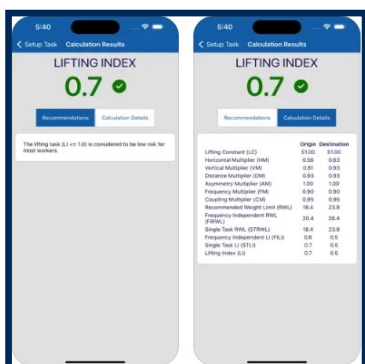
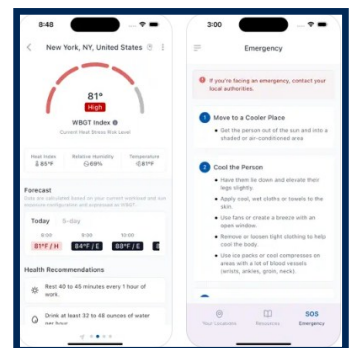
- Makes precautionary recommendations specific to heat index-associated risk levels.
- Displays an interactive hourly forecast of heat index values, risk level, and recommendations for planning outdoor work activities in advance.
- Includes signs and symptoms of heat-related illnesses including heat stroke, heat exhaustion, rhabdomyolysis, heat cramps, and heat rash.
- First aid information for heat-related illnesses.



AIHA Heat Stress

The American Industrial Hygiene Association (AIHA) Heat Stress application uses cutting-edge science to keep outdoor workers and laborers all over the world safe.

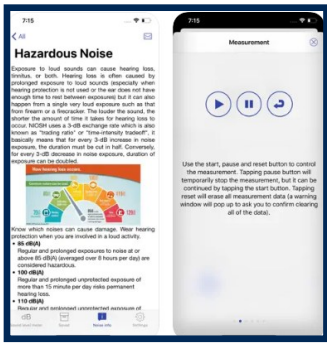
- Using real-time weather information, the app calculates Wet Bulb Globe Temperature and associated risk scoring.
- Makes recommendations based on the real weather conditions you are experiencing or different locations you can track.
- Customize results using inputs for effort, cloud cover, and worn clothing.
- Customize alerts to rest, drink fluids, and be notified of changing conditions.



NLE Calculator (NIOSH)

The NIOSH Lifting Equation calculator (NLE Calc) is based on the Applications Manual for the Revised NIOSH Lifting Equation.

- Calculate the Recommended Weight Limit (RWL) for single or multiple lifting tasks.
- Includes the Lifting Index (LI) which is an index of the relative physical stress for performing a single lifting task.
- Also includes the Composite Lifting Index (CLI) which is an index of the overall physical stress for performing multiple lifting tasks.
- Serves to protect workers from physical stress related to development of low back musculoskeletal disorders.



NIOSH Sound Level Meter

The NIOSH Sound Level Meter (SLM) app measures workplace noise to determine if workers are exposed to hazardous noise.

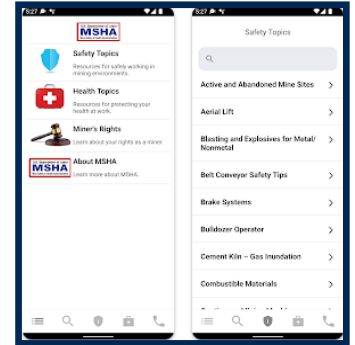
- Accurate within +/- 2dBA.
- Multiple measurable metrics including equivalent continuous sound level (LAeq) & Time-Weighted Average noise level (TWA), Max & Peak Levels, Noise Dose & Projected Dose, and all 3 major weighting networks (A,C, and Z).
- Ability to report and share measured data.
- Can be calibrated with internal or external microphones.



NIOSH Ladder Safety

The NIOSH Ladder Safety app is designed to improve extension and step ladder safety through various tools that assist the user to position an extension ladder at an optimal angle.

- The Angle Measuring Tool uses visual, sonic, and vibration signals to make it easier to set an extension ladder at the proper angle of 75 degrees.
- The Selection Tool provides a procedure to select the minimum required ladder duty rating dependent on the task and user.
- The Inspection Tool provides a checklist for ladder setup.
- Proper Use Tool presents a set of rules for safe ladder use.



NIOSH ErgoMine

ErgoMine includes ergonomics audits for 3 types of mining operations; slip, trip, and fall hazard checklists; musculoskeletal disorder (MSD) risk factor evaluation; and a tool to document & track remedial actions to address found deficiencies.

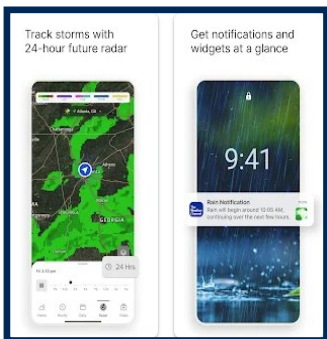
- Audits available for bagging, haul truck, and maintenance and repair operations at surface mining and processing facilities.
- After completing audit and checklist questions, the app provides recommendations to fix hazards and specifies where there is ergonomic improvement opportunity.
- The app allows you to document and track remedial actions using a "fix list."



Miner Safety & Health (DOL)

The U.S. DOL's Mine Safety and Health Administration's app is designed to make it easier for miners to understand their rights and take an active role in mine safety & health.

- Provides MSHA accident and fatality alerts.
- The app includes informational sections for Safety, Health, and Workplace Rights
- Allows workers to report hazardous conditions or accidents to MSHA.



The Weather Channel

Always plan and be prepared for any weather with The Weather Channel app.

- Daily, hourly, and 24-hour future radar forecasts
- Air quality, UV Index, Humidity Levels, and Pollen Count trackers
- Live Doppler maps for tracking storms and hurricanes
- Allergy & flu forecasts
- Save multiple favorite locations for those who work at various worksites.