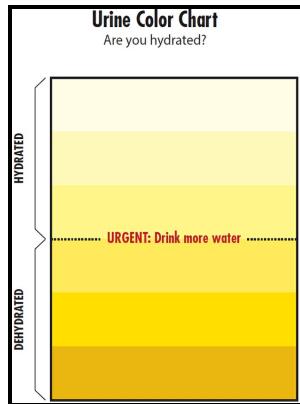


# Heat stress in hot U.S. mines and criteria for standards for mining in hot environments

U.S. Dept. of the Interior, Mining Enforcement and Safety Administration - Heat Stress in Construction

Description: -



Spanish: Adult Nonfiction  
Psychology  
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Minerals -- Italy -- Calabria  
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MESA informational report IR ; 1048  
Heat stress in hot U.S. mines and criteria for standards for mining in hot environments  
Notes: Bibliography: p. 47-49  
This edition was published in 1976



Filesize: 57.24 MB

Tags: #Heat #Stress #in #Hot #Underground #Mines: #a #Brief #Literature #Review #— #University #of #Arizona

## Heat Stress in Construction

If the body continues to store heat, the person may begin to have difficulty concentrating, may become irritable and lose the desire to drink.

## Heat Stress in Construction

Reliability refers to the fact that if the measurements are repeated several times in the same weather conditions, the similar results will obtain. The ideal temperature for liquids should be 50 — 60 F.

## Heat Stress in Construction

Outdoor operations conducted in hot weather, such as construction, refining, asbestos removal, hazardous waste site activities, and emergency response operations, especially those that require workers to wear semi-permeable or impermeable protective clothing, are also likely to cause heat stress among exposed workers. Physical Agents Documentation, 7 th ed.

## Heat Stress in Hot Underground Mines: a Brief Literature Review— University of Arizona

The advantages of this method include formulating the problem in question, improving the consistency of judgments, handling and solving the various problems, obtaining the opinions of members for making decision, aggregating the judgments of experts to determine the best alternative, and prioritizing through the pair-wise comparisons of criteria. MMM acquisition, analysis, and interpretation, FG participated in the acquisition, and interpretation, HAA provided Fuzzy AHP-TOPSIS Method and has been consulted by AA, and AS provided geographical information.

## Guide for managing the risks of working in heat

The Legal Requirements Employers have a duty under section 25 2 h and supervisors under section 27 2 c of the to take every precaution

reasonable in the circumstances for the protection of a worker. Fuzzy analytic hierarchy process The Analytic Hierarchy Process AHP was proposed first time by Thomas.

## **MSHA**

How Can Heat-Related Illness Be Prevented? Indices in this study were used with respect to their prevalence and validity, strong correlations with physiologic indices and other valid ones, and also their applicability for outdoor environments.

### **Weighting Criteria and Prioritizing of Heat stress indices in surface mining using a Delphi Technique and Fuzzy AHP**

Hajizadeh R, Golbabaei F, Monazam Esmaelpour M, Mehri A, Hosseini M, Khodaparast I.

### **Weighting Criteria and Prioritizing of Heat stress indices in surface mining using a Delphi Technique and Fuzzy AHP**

Although illness from exposure to heat is preventable, every year, thousands become sick from occupational heat exposure, and some cases are fatal. While not a mandate, it is appropriate guidance that can be successfully used to prevent occupational HRIs. For example, empower supervisors and workers to slow down physical activity like reducing manual handling speeds or scheduling work for the morning or shorter shifts with frequent rest breaks in the shade or at least away from heat sources.

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