

STUDY ON RISK AND NEW WBGT ESTIMATION OF ACCIDENT BY HEATSTROKE IN CONSTRUCTION INDUSTRY OF JAPAN

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ABSTRACT

This study is on safety and quality improvement technique for construction and maintenance of building facilities. In this paper, the tendency of accidents in building facilities for the past ten years and the occurrence condition of fatalities disaster by heatstroke in construction industry of Japan is summarized. So it is proposed about the counter measures and experiment for heatstroke.

Keywords: Heatstroke, Construction Industry, Wet Bulb Glove Temperature (WBGT), workplace, Estimation, Accident