

Noise Pollution and Human Performance - An Analytical Study

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ABSTRACT This paper briefly presents an analytical study of noise on human performance. The effect on human performance is dependent upon three factors — noise, task and personality. The nature of noise, intensities of noise, predictability of noise and control on noise play an important role in costing effect on human performance. Different types of performances — mental, sensori-motor, vigilance vary in the amount of deterioration due to noise exposure. Despite these factors, sensitivity to noise, Leq value of the background, temperature, and illuminosity too play a crucial role in estimation of noise effect on human performance.