

Hazard Identification Risk Assessment and Control Measure for Machinery Shop in Automobile Industry

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Abstract: *The automotive industry occupies a significant place in the Indian economy. The well-developed industry acts as a catalyst and gives energy to the economic growth of the country and also increased accidents to the workers due to work place hazards. In the manufacturing of auto components carries with them workplace hazards, the hazards and risks connected with welding operations, Cleaning and Machining operation in manufacturing industry was identified and controlled using risk matrix techniques. The findings reveal that major tasks were associated with the events of material handling, machine operation, maintenance of any machinery, packing and housekeeping. Hazards of varying degrees were identified and the associated risk was classified with trivalent risk, Low risk, Medium risk, High risk, Very high risk. The tasks carried out with those hazards and risks are suggested with control measures and recommendations.*

Keywords: automotive industry

