



ChemTech

International Journal of ChemTech Research

CODEN(USA): IJCRGG, ISSN: 0974-4290, ISSN(Online):2455-9555
Vol.10 No.4, pp352-358,2017

Hazard Identification and Risk Assessment in Automotive Industry

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Abstract:Hazard Identification and Risk Assessment or HIRA system can act as a risk assessment tool which will assist users in identifying hazard and estimating risk involved in each identified hazard. This risk assessment tool will identify possible hazard involved in each task in departments. Once the hazard has been identified, risks involved will be estimated and categorized. If the estimated risk falls in a category, which is higher than the low risk category, then possible control measures will be recommended. At the same time, the user can add new work plan, task, and control measures into the system to update existing information system.

Keywords :Safety, Hazard, Identification, Risk, Control Measures.

S.Magibalan et al/International Journal of ChemTech Research, 2017,10(4): 352-358.
