

# Assessment of Environment, Health and Safety (EHS) Management Plan by Risk Assessment of Activities in Construction Project Work

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**Abstract:** *The building construction industry is growing all over the world. The construction industry is an important part of the economy in many countries and is often seen as a driver of economic growth especially in developing countries. Owing to its relatively labour-intensive nature, construction works provide opportunities for employment for a wide range of people skilled, semi-skilled and unskilled. This study, therefore, aims to find out the current practice of health and safety risk assessment, risk communication and risk control and improving the Environment Health and Safety management plan for the Construction project site. In pursuing this objective, the case study strategy was adopted whereby a construction site is selected through convenience sampling. This research contributes significantly to construction safety management SHAPOORJI PALLONJI AND COMPLANY PVT. LTD. and can be utilized to analyse and manipulate the safety risk level of every possible hazardous event that is identified during the construction period. The proposed model could also be applied in other construction projects to obtain results with greater accuracy and reliability from the evaluation and ranking of safety risks, which would yield data that would be useful in helping the management team to mitigate and control the risks in other construction projects.*

**Keywords:** Health and safety risk, Risk Management, Risk Communication, Risk control, Construction Sites, Practice, and Process

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