Introduction: Hazard identification and risk assessment are fundamental components of ensuring workplace safety, particularly in high-risk industries such as construction.Without adequately identifying hazards and assessing associated risks, it's challenging to implement effective control measures, leading to increased likelihood of accidents, injuries, and even fatalities.Utilization of Technology: Implement technology solutions such as Building Information Modeling (BIM) and Virtual Reality (VR) simulations to simulate construction environments and identify potential hazards before they manifest on-site.Proposed Solutions: Implementation of a Comprehensive Risk Management System: The company should establish a robust risk management system that encompasses hazard identification, risk assessment, and control measures.Conclusion: In conclusion, addressing the issue of inadequate hazard identification and risk assessment in the construction industry is critical to safeguarding the well-being of workers and maintaining operational efficiency.By implementing the proposed solutions and adhering to international standards, the company can mitigate risks, improve safety outcomes, and foster a culture of continuous improvement in occupational health and safety.Problem Analysis: The failure to conduct proper hazard identification and risk assessments poses significant risks to both workers and the company itself.However, in the case of our construction company, the lack of thorough hazard identification and risk assessments has resulted in worker injuries and accidents.References: International Organization for Standardization (ISO).(2018).(2018).

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