

Occupational Safety and the Mitigation of Workplace Hazards in Civil Engineering Companies in Uganda: A Case Study of the Terrain Group of Companies Uganda, Limited

Lwigale Henry

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Introduction

The study examined the occupation safety and mitigation of workplace hazards in Civil Engineering companies in Uganda and focused on the Terrain Group of Companies.

Objectives

The objectives of the study were;

1. to assess how Terrain Group Uganda conducted regular health and safety inspections to mitigate workplace hazards,
2. to assess how Terrain Group Uganda established safety committees to mitigate workplace hazards,
3. to examine how Terrain Group Uganda trained employees to be aware of work hazards to mitigate workplace hazards

Methodology

The study adopted a case study research design with both qualitative and quantitative methods of data collection and was carried at the Terrain Group of Companies. The study population was 210 possible respondents out of whom a sample

of 136 respondents was selected randomly. Questionnaires and interviews were used as data collection methods.

Key findings

The results of the study revealed a moderate positive and significant correlation between health and safety inspection and mitigation of work hazards ($r= 0.550$, $p=0.000$), a low positive relationship between health and safety committees, and mitigation of workplace hazards ($r= 0.416$, $p=0.000$) and a moderately significant relationship between employee health and safety training and mitigation of workplace hazards at Terrain Group of companies ($r= 0.577$, $p= 0.000$).

Conclusion

The findings of the study indicated that health and safety inspection, health and safety committees, and health and safety training were influential factors in the mitigation of workplace hazards at the Terrain Group of companies.

Key recommendations

The study recommended that continuous inspection and improvement of occupational safety and health must be promoted to ensure that the health and safety policy, regulations, and technical standards are reviewed to prevent occupational injuries, diseases, and deaths.

Key references

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