



The Effects Of Occupational Safety And Security Measures And Its On Impact Employee Work Productivity

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ABSTRACT

This study explores the complex of safety at work protocols and how they affect workers' well-being and output. Through an analysis of diverse safety procedures, educational activities, and corporate cultures, the research seeks to illuminate the complex effects of safety campaigns. in the industry to shed light on the critical role that a strong safety framework plays in promoting a healthy workforce and raising overall productivity, the research makes use of a thorough analysis of the body of current literature, The results advance our knowledge of the mutually reinforcing relationship among safety protocols, worker productivity, efficiency and organizational effectiveness.

Keywords: security protocols, performance, employees well being

INTRODUCTION

Safety is very important aspect for any industry as an accident-free work environment boosts the morale of the team members working in any hazardous situations. Recognizing these facts industries involving various hazards and risks industries prepare their own safety policy, safety manual and have a separate department/section for safety to create proper aware-ness and provide the know-how-about the safety. Adherence to the useful information, rules, and mandatory requirements governing the safety and guidelines will help prevent occupational injuries and accidents which constitute an unavoidable and needless waste of human and material resources. Industrial safety refers to the management of all operations and events within an industry to protect its employees and assets by minimizing hazards, risks, accidents, and near misses.

Industrial safety is overseen by federal, state, and local laws and regulations. The Occupational Safety and Health Act (OSHA) ensuring industrial safety. Industrial safety covers several issues and topics affecting safety of personnel and the integrity of equipment in a particular industry. The following topics are generally discussed

- Environmental Safety – Concerns the direct and indirect environmental impact of the industry
- Building and Structural Safety – Including installations as per existing building code
- Fire Safety
- Workplace Safety – Safety issues directly related to the workplace setting

HOW IT AFFECTS TO HEALTH AND PHYSICAL CONDITION

The term "safety" is most commonly used to describe situations in which they acquired values by unintentional flaws and mistakes. These can include technical errors, organizational failures, or natural disasters. A simple example of a safety issue would be going for a walk on a summer night and being struck by lightning. This example demonstrates that safety is about safeguarding against unintentional harm. No one is causing you any problems, but the accident is seriously affecting your health and may even take your life. Let us now take a closer look at security. A similar mechanism is required for security. Specifically, harm to acquired values. The primary distinction between safety and security is the source of the threat.

WHY SAFETY AND SECURITY FOR WORKERS IN THE ORGANIZATION

Workplace safety is critical for every employee in the industry because everyone wants to work in a safe and secure environment. Health and safety are critical factors for all industries to promote employee and employer wellness. It is the company's duty and moral responsibility to protect its employees.

Every person who leaves his or her home in the morning for work should return home in good health in the evening. Have you ever considered the possibility that your loved one will never return home? Or do you get a call that he/she is in the hospital as a result of an incident? These thoughts give us goosebumps. This is the only reason why it is critical to establish a safe working environment.

CONTROL MEASURES OF SAFETY AND SECURITY

HEALTH EFFECTS	EMERGENCY & FIRST AID PROCEDURES	SPECIAL PROTECTION
Skin: Mild irritation.	Wash the affected area thoroughly with warm water and soap. Remove contaminated clothing and launder before reuse.	Seek medical attention, if symptoms develop.
Inhalation:	Remove the contaminant or get the victim some fresh air. If breathing is difficult, use a face mask to ensure an adequate supply of oxygen.	

STATEMENT OF THE PROBLEM

The number of accidents and fatalities is still at an unacceptably high level. It is critical to identify any gaps in enforcing the requirements of safety Acts, as well as any weaknesses in inspecting and auditing construction sites. The degree of the contractors' compliance will be evaluated to determine their effectiveness. Implementing occupational safety and health issues in the construction industry There are few fatalities on construction sites, according to statistics. Problems that can be tackled for research purposes.

the management of the manufacturing areas understanding of safety and health Despite the fact that cases were reported to relevant departments, information on manufacturing safety and health management is still severely lacking. There has been no clear agreement provided by any party. The problem must be thoroughly understood and comprehended. Manufacturing places are requiring heightened awareness of safety and health issues. The Occupational Safety and Health Act of 1994 (OSHA) governs workplace safety and health. It means that the government will not dictate how workplace safety and health should be managed. The Act requires employers and employees to work together to determine how to manage workplace safety and health.

OBJECTIVE OF THE STUDY

- Identify the kind of health problems that employees go through because of their type of work conditions
- To examine the impact of a low standard of productivity

REVIEW OF LITERATURE

Hardik Sheth (2016)

The empirical evidence supporting the business case for better workplace health and safety industry aims at maximum productivity from their workforce and equipment. There are, however, severe occupational infections and injuries affecting staff in the manufacturing industry. The duration of a person's employment in an unpleasant environment increases, the concept derives principally from a manufacturing context where tangible inputs and outputs can be quantified, and their values measured. In more diverse production and service environments, a range of factors make measuring productivity a more difficult proposition. Paraphrasing quantification of the inputs and outputs is difficult in work health safety environments.

Müberra Devrim Güner (2019)

As the Occupational Health and Safety personnel workers most often encountered are occupational health nurses, occupational health nurses must have information labor legislated; legal rights and responsibilities; safety culture; ergonomics; safety signs and signals; personal protective equipment; occupational diseases; biological, chemical, and physical risk factors; first aid and rescue; and manual handling of loads.

Edmund Nana Kwame Nkrumah (2021)

The production and operational activities of the oil and gas sector in Ghana, including both the onshore and offshore operations and as well as all phases of the operation chain, come with numerous catastrophic and hazardous elements (i.e., explosions, blowouts, fire outbreaks, hydrocarbon leakages, falling objects, and hydrogen sulfide emissions, etc.) that are likely to cause workplace accidents, occupational injuries and damage to properties or lives. It is therefore not surprising why safety within the oil and gas industry remains highly regulated, and heavily governed by rules and regulations.

RESEARCH GAP

Employees who are in safe and healthy working conditions tend to show attitudes and behaviours that reflect high competence, integrity, dedication, and responsibility

NEED FOR STUDY

- To build upon the existing knowledge
- Evaluation of proposed programs, practices and activities
- Evaluation of current and new policies and practices

SCOPE OF THE STUDY

The scope of the study has highlighted the effect of occupational safety and securities of measure on the impact of employees' work productivity. Historical data of 3 years is considered. This data is collected based secondary data. This research is carried out through web.

FINDINGS

The empirical evidence supporting the business case for greater workplace health and safety industry aims at maximum output from its workers and equipment. There are, however, significant occupational infections and injuries impacting staff in the manufacturing industry.

Occupational health nurses must be knowledgeable about labor laws, legal rights and responsibilities, safety culture, ergonomics, safety signs and signals, personal protective equipment, occupational diseases, biological, chemical, and physical risk factors, first aid and rescue, and manual load handling. This is because occupational health nurses are the employees of the workplace who work with them the most frequently.

CONCLUSION

In summary, the investigation into the connection between safety protocols and worker well-being and output highlights how crucial a thorough safety framework is to create prosperous and effective at work. The results of this study highlight the beneficial effects on both physical health and workplace performance, shedding light on the relationship between safety programs and workers' well-being. In addition to lowering the chance of accidents and occupational diseases, a workplace that places a high priority on safety also creates an atmosphere that is favourable to better mental health and job satisfaction. The established connection between safety protocols and lower absenteeism as well as increased employee involvement leads to a general increase in organizational productivity. Businesses that keep making investments in and putting strong safety procedures in place not only meet their ethical According to this report, companies should see safety precautions not just as legal obligations but also as calculated investments in their most valuable resource—their workforce—with the goal of fostering a work environment where both health and productivity are valued equally.

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