

# Implementation Of Occupational Safety And Health At Pt. Bumi Gas Indonesia ( Bgi ) In The Cikande Region, Banten Province, Indonesia

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**Submission date:** 11-Jul-2024 04:22PM (UTC+0700)

**Submission ID:** 2415156077

**File name:** VOL.2\_JULI\_2024\_HAL\_387-391.docx (42.01K)

**Word count:** 1807

**Character count:** 10098

## 4 Implementation Of Occupational Safety And Health At Pt. Bumi Gas Indonesia ( Bgi ) In The Cikande Region, Banten Province, Indonesia

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**Abstract:** The level of work accidents and threats to Occupational Safety and Health (OSH/OSH/K3) in Indonesia is still high, especially in the last two years with a significant increase in the number of work accidents. In 2022, there will be 114,235 cases which will increase to 177,161 in 2023, and reach 82,000 cases from January to March 2024. PT Bumi Gas Indonesia (PT BGI), a rapidly growing LPG Gas company, recognizes the importance of implementing Occupational Safety and Health (OSH/OSH/K3) in the production process. This research aims to evaluate the implementation of OSH/OSH/K3 at PT BGI. The research method used is qualitative with a descriptive approach, relying on secondary data from relevant literature. The research results show that PT BGI has implemented OSH/OSH/K3 well, including providing personal protective equipment, OSH/OSH/K3 training, and placing fire extinguishers in strategic locations. Effective implementation of OSH/OSH/K3 at PT BGI has been proven to be able to improve work safety, reduce the risk of accidents, and increase company efficiency and productivity. However, several obstacles still exist, such as uneven employee awareness and limitations in implementing OSH/OSH/K3 standards. In conclusion, even though PT BGI has implemented OSH/OSH/K3 well, continued efforts are still needed to optimize the implementation of OSH/OSH/K3, especially through increasing socialization and training for all employees.

**Keywords:** Occupational Safety and Health, Gas Industry, PT Bumi Gas Indonesia

### 1. INTRODUCTION

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The number of work accidents and various OSH/OSH/K3 threats in Indonesia is still quite high, various labor accidents still often occur in the production process, especially in the manufacturing industry. In the last two years in Indonesia there has been a very significant increase in work accidents, increasing 55.2% from the previous year, namely 114,235 cases in 2022 to 177,161 in 2023 and 82,000 cases from January to March 2024. Social Security Administering Agency (BPJS) Employment records that around 12 workers in Indonesia suffer permanent disabilities every day and seven workers die as a result of work accidents, with the manufacturing and construction sectors contributing to work accidents. Human resources are the main asset that functions as a driver of company operations. The company believes that professional, trustworthy, competent and diligent human resources are the key to successful

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Received Mei: 24, 2024; Revised Juni 17, 2024; Accepted: Juli 07, 2024; Published Juli 11, 2024

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achievement of goals. Thus, companies must manage and maintain their human resources well. In this case, the occupational safety and health aspect is very important for the company because it is one of the factors preventing the risk of work accidents. Therefore, companies implement stages and rules regarding occupational safety and health, so that they can reduce work accidents. Occupational Safety and Health (OSH/OSH/K3) is an effort to create a workplace that is safe, healthy and free from environmental pollution, so that it can protect and prevent workers from work accidents which ultimately can increase work efficiency and productivity. Work accidents not only cause casualties and material losses for workers and employers, but can disrupt the production process as a whole and damage the environment, which in the end will have an impact on the wider community. If companies do not pay attention to the importance of implementing worker safety and health, then the possibility of accidents occurring will be high and company losses will increase. PT Bumi Gas Indonesia (PT BGI) is a very rapidly growing LPG gas company, which implements OSH/OSH/K3 in its production process. This OSH/OSH/K3 topic is considered important because the implementation of OSH/OSH/K3 in a company really supports the smooth running of the production process. The OSH/OSH/K3 program at PT BGI has a vital role for every worker in carrying out all their responsibilities which must guarantee and pay attention to their safety and health while in the company area. Although sometimes its implementation is still not carried out perfectly by all employees. Therefore discussing a topic regarding the Implementation of Occupational Safety and Health at PT Bumi Gas Indonesia is important. This research aims to determine the implementation of OSH/OSH/K3 at PT. BGI.

## **2. REVIEW OF LITERATURE**

### **Occupational Safety and Health in Industry**

In order to carry out productive industrial activities, Occupational Safety and Health (OSH/OSH/K3) is the main point that must be considered so that industrial activities can run well. OSH/OSH/K3 is an effort aimed at creating a physically, chemically, biologically and socially healthy environment.

### **Benefits of Implementing Occupational Safety and Health**

OSH/K3 itself has several benefits and objectives. It can be seen from the legal aspect, labor protection, and also from the economic aspect.

### **The Importance of Implementing OSH/K3**

The importance of implementing OSH/K3 in the process of industrial activities reflects a basic principle that not only influences employee welfare, but is also the main basis for the company's

success and sustainability. The implementation of OSH/K3 is essential to create a safe work environment.

### **Obstacles in Implementing OSH/K3**

Obstacles in Occupational Safety and Health, although OSH/K3 is considered important in aspects of operational activities, in its implementation there are still obstacles and obstacles.

## **3. METHODOLOGY**

### **Research design**

The method used in this research is qualitative with a descriptive approach.

### **Population and Sample**

The population in this study were all employees of PT. Bumi Gas Indonesia (PT. BGI). The sample in this research were production employees at PT. Bumi Gas Indonesia.

### **Findings**

Based on analysis of interview results and observations from aspects of employee knowledge, employee attitudes and employee work environment conditions as a whole process of implementing Occupational Safety and Health (OSH/K3) for employees at PT. Bumi Gas Indonesia (PT. BGI). OSH/K3 objectives at PT. Bumi Gas Indonesia (PT.BGI) is to protect and guarantee the safety and health of every worker and other people in the workplace, and ensure that every production source is used effectively and does not experience health problems or work-related diseases. Apart from that, the benefits of occupational safety and health at PT. Bumi Gas Indonesia (PT.BGI) is so that employees feel safe when doing their work and the company also benefits because it does not have to pay for healing costs for employees who are injured due to work. Steps for implementing OSH/K3 at PT. Bumi Gas Indonesia (PT.BGI) started by building a clear commitment in each work unit towards implementing OSH/K3 in the company's work environment to reduce the impact of the risk of accidents. The next step is to determine the personnel responsible for implementing OSH/K3 in the company's work environment. The next step is to form a working group from each work unit to implement OSH/K3. Then select members named the Emergency Response Team who are representatives from each work unit. To equalize the perception of the importance of OSH/K3 in the company's work environment, a number of posters were installed in each work unit about using safety equipment while working. There is a system review which is carried out every six months to review the programs that have been created in implementing OSH/K3. There is a preparation of an activity schedule to see the ability of each work unit to divide its time between implementing OSH/K3 and other work outside OSH/K3. In terms of documentation, there are

a number of documents that are maintained and neatly arranged so that if they are needed at any time they can be easily found. Furthermore, in implementing the OSH/K3 system, there is distribution of work safety equipment which has been provided in special lockers for storing PPE. Distributing PPE is not only for self-protection but can also provide health for the wearer. The certification process is mostly obtained from training and certification issued by the Indonesian Ministry of Manpower and Transmigration.

#### **Discussion**

Based on analysis of interview results and observations from aspects of employee knowledge, employee attitudes and employee work environment conditions as a whole process of implementing Occupational Safety and Health (OSH/K3) for employees during the pandemic at PT. BGI has been running quite well. PT. BGI implements OSH/K3 with the aim of protecting and ensuring the safety and health of its employees. Implementation of OSH/K3 at PT. BGI has also carried out according to procedures. Training regarding OSH/K3 is provided to employees so that the production process can run smoothly. The implementation of OSH/K3 can run smoothly because it is supported by adequate facilities and the attitude of employees who are aware of safety and health. availability of facilities such as complete Personal Protective Equipment (PPE) which can facilitate the implementation of OSH/K3 at PT. BGI. placing a number of light fire extinguishers (APAR) in several locations where accidents often occur, providing guarantees in the form of BPJS Health, BPJS Employment, In Health, and Aviva. In the company there is also Service Talk, namely indirect accident prevention. Service Talk is carried out by visiting each line carried out by the Safety Team and answering various questions from employees regarding work accidents. Comply with Regulations and Laws. The implementation of OSH/K3 at PT BGI indicates good faith in complying with regulations and legislation. Apart from that, it can also have a positive impact on the company, such as a good image, there will be no legal demands from the government, and there will be no problems with the workforce because the company has implemented OSH/K3.

#### **4. CONCLUSION**

This research aims to apply OSH/K3 in the company environment to workers who do not want to comply with company regulations by using safety equipment while working. Optimizing outreach activities, especially for new employees regarding job introductions or work safety equipment as a preventive measure in the event of a work accident. Increase the frequency of Safety Talk activities which discuss any problems experienced while working. This aims to increase knowledge about the work involved and its risks and also increase knowledge about

personal protective equipment (PPE) so that employees can minimize the occurrence of work accidents.

## REFERENCES

- Haryoko, AE (2024). Study of the Impact of OSH/K3 and the Work Environment on the Performance of Production Department Employees. *INTELLECTUAL JOURNAL* , 3 (1), 1-8.
- Pulungan, FDA, & Hasibuan, A. (2024). THE IMPORTANCE OF OCCUPATIONAL HEALTH AND SAFETY IN THE MANUFACTURING PROCESS. *Cohesion: Journal of Science and Technology* , 2 (4), 31-40.
- Putri, K., & Assidiq, FM (2022). Analysis of Inhibiting Factors for Implementing the OSH/K3 Management System and Steps to Create a Safety Culture for Pt. Gunanusa Utama Fabricators. *SENSISTEK: Marine Science and Technology Research* , 78-83.
- Ririn Yulianti, ST, Apriniyadi, M., Hartami, PN, Suliestyah, S., Palit, C., & Pattiruhu, DL (2023). IMPLEMENTATION OF OCCUPATIONAL SAFETY AND HEALTH (OSH/K3) IN THE INDUSTRIAL WORK ENVIRONMENT. *Journal of Indonesian Community Service (JAMIN)* , 5 (2), 129-134 .



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