

INCREASING THE AWARENESS OF ARTICLES ABOUT THE IMPORTANCE OF USING OHS IN THE DEVELOPMENT OF PRODUCTION WAREHOUSES IN PENSARANAN VILLAGE

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Abstract

At present massive construction work is carried out in Indonesia. Construction work is a job that involves many things, so there is a risk of work accidents. The risk of work accidents must be minimal to improve the safety of the handyman when working. Therefore, there is an awareness of K3, which is still often overlooked. Many of the artisans consider that Personal Protective Equipment is only to meet the regulations. This also happened in the Construction of a Production Warehouse in Penyaringan Village. Increasing Artisan Awareness about the Importance of K3 is one of the solutions that can be done to build artisans to have awareness of the importance of using K3. The activities carried out are in the form of socialization and distribution of APD to artisans. This program will affect the level of awareness at work. When the handyman already has awareness and concern, it will reduce the risk of work accidents it has an impact on increasing productivity. After the activities are carried out, in working the handyman will pay more attention to K3 for the sake of a sense of security, comfort, and of course for his safety.

Keywords: Awareness Enhancement, Construction, K3, Work Accident.

INTRODUCTION

Indonesia is one of the developing countries where a lot of development is being carried out. Significant development has occurred in development in the construction sector (Atmaja et al., 2018). Work in the construction sector is work that has high complexity and involves many things, such as labor, materials, work equipment, and many other things (Astiningsih, H., Kurniawan, B., 2018). The complexity of work in the construction sector makes the risk of accidents even higher because in practice many things are sources of work accidents (Suryan et al., 2020). The level of risk that has an impact ranges from low risk to severe risk in every work accident in the activities carried out (Turma Elita Saragi, 2019). The risk of work accidents will be higher when workers working in the construction sector do not pay attention to Occupational Safety and Health (K3). This happens because human error is an unsafe work behavior due to not paying attention to K3 (Fassa & Rostiyanti, 2020).

Construction Occupational Safety and Health (K3 Construction) are all activities to guarantee and protect the safety and health of workers through efforts to prevent work accidents and work-related illnesses in construction work (Regulation of the Minister of Public Works No.5/PRT/M/2014). Occupational Safety and Health aims to prevent, reduce, and even

eliminate the risk of work accidents (zero accidents) (Jawat, 2017). Occupational safety and health is an issue that is very important to discuss considering the large impact on construction workers. There needs to be aware regarding K3, which is still often ignored by construction actors. There are still many workers who think that K3 is not very important. Many construction workers think that Personal Protective Equipment (PPE) is only to comply with regulations. Even though the correct use of PPE is part of the act of working safely it will reduce the risk of work accidents (Mafra, 2021). With the existence of problems in the field of construction, it is necessary to have something that can be done to overcome these problems. A work safety management system in construction work creates a safe and comfortable working atmosphere in the work environment (Sutarto, 2008). One way is to increase the Awareness of the Worker regarding the Importance of K3 (Occupational Health and Safety).

Builder's Awareness Raising on the Importance of Occupational Health and Safety is a work program to build the community, especially workers in the Production Warehouse Development in Filing Village so that they are aware of the importance of using Occupational Health and Safety while working. The existence of this program will affect the level of awareness of working safely among construction workers. When construction workers have awareness and concern for Occupational Safety and Health (K3) this will reduce the risk of work accidents so the impact will increase work productivity which has a good impact on construction workers.

IMPLEMENTATION METHOD

It is necessary to increase the awareness of these craftsmen considering all the problems above that many safety risks can occur when carrying out work on construction projects. Ways to raise awareness can be done in various ways. The methods used in implementing this street vendor use the following methods:

The methods used in solving existing problems are:

1. Conduct Socialization

Socialization is an activity carried out to raise awareness about the importance of OSH in community service. Socialization was carried out to provide more information and understand the importance of using OSH (Csr et al., 2021). Socialization or informing this is done directly to workers. This is done for workers who do not use K3 completely based on the standard PPE that must be used for construction work with the aim that socialization is carried out more effectively and efficiently. Of course, the socialization carried out will provide more knowledge to listeners so that they can better understand the importance of OSH in the construction work being carried out.

2. Distribution or provision of PPE to workers

The distribution or provision of PPE to workers is carried out for workers who do not meet K3 standards while working. The use of PPE is a form of control to protect against labor and occupational safety hazards (Tumiwa et al., 2019). This distribution activity is carried out after the worker is given socialization regarding the importance of using K3. This activity is carried out to reduce the risk of work accidents to increase productivity at work. The division of K3 is carried out based on the K3 that has not been used by the builders. Distribution of K3

Based on PPE standards that must be met in construction work, namely using protective hats, safety vests, gloves, and protective shoes.

RESULTS AND DISCUSSION

The Builder's Awareness Raising Activity regarding the Importance of Using K3 was carried out in the Production Warehouse Development Project in the Filter Village. The target for this activity is craftsmen/laborers who do not use standard PPE which increases the risk of work accidents.

➤ Execution of Activities

1. Socialization and Provision of Head Protection



Figure 1. Workers working on river stone foundations
Activity Location Sources

In the implementation of street vendors, one of the socialization and provision of head protection was carried out when seeing workers carrying out work on making river stone foundations who were not wearing head protectors and safety vests. Not using the PPE standard, will increase the risk of work accidents that occur. The thing that is done to reduce the risk of work accidents that occur is to increase the awareness of carpenters about the importance of K3 by providing direct socialization. This is done to be more effective and efficient. Where workers who are not yet aware of the importance of this matter will be more aware of it.



Figure 2. Socialization and Provision of PPE in the form of Head Protectors and Safety Vests.

Activity Location Sources

After the socialization was carried out, it was continued with the provision of PPE that had not been used by these workers, namely Head Protectors and Safety Vests. That way the activities that have been carried out will provide an understanding and increase awareness of the workers regarding the importance of K3 and reduce the risk of accidents at the work of the workers at that time.

2. Dissemination and Provision of Safety Vests



Figure 3. Workers Excavation for Sloof

Activity Location Sources

When seeing workers who do not use safety vests, they socialize with the workers regarding the importance of K3, especially the use of safety vests. After the socialization was carried out, PPE was given in the form of a Safety Vest. After the socialization activity and the provision of Safety Vests, it is hoped that the worker will understand more about the importance of using K3 which will reduce the risk of work accidents so that the worker feels safer and more comfortable when working.

3. Dissemination and Provision of Gloves

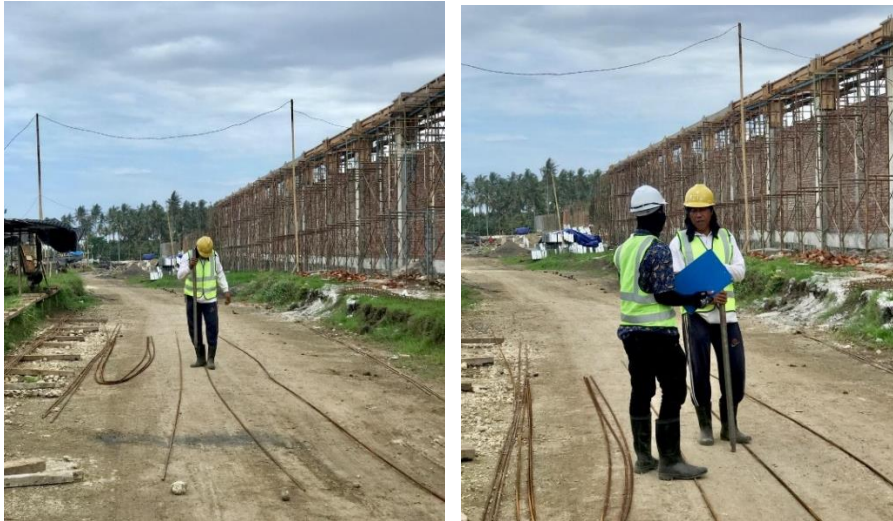


Figure 5. Workers Preparing Iron Requirements for the Project and Provision of Socialization
Activity Location Sources

Another socialization implementation was carried out when seeing workers who did not use gloves. The worker carries out the work of preparing the iron requirements which will later be used in the construction process. Implementation of this socialization is of course important to do to increase the awareness of workers on the use of K3, especially in the above case is the use of gloves. Using gloves will reduce the risk of accidents that occur at the hands of workers. Hand accidents such as swelling, peeling, cutting, bruising, or burning can be fatal and can no longer work in general.



Figure 6. Provision of Gloves and Their Use
Activity Location Sources

After the socialization activities were carried out, it was followed giving gloves to reduce the risk of accidents when working. It can be seen that workers immediately use the gloves that are given because the work being done requires gloves so that when working workers feel comfortable and safe, thereby increasing productivity at work. This shows that the craftsman already understands the importance of K3.

4. Socialization and Provision of Protective Shoes



Figure 7. Workers at Work Carrying Out Sand Transport
Activity Location Sources

Implementation of other types of socialization and provision of K3 is the provision of protective shoes. The socialization was carried out for workers who were carrying out the implementation of sand transportation and did not use the PPE standard in the form of protective shoes even though the road the builders were going through had wire mesh that had been installed. Of course, this will increase the risk of work accidents because protective shoes are very important to wear considering the many materials that can cause work accidents on the feet such as sharp materials on the ground such as iron, nails, and others.



Figure 8. Provision of Socialization and Provision of Protective Shoes
Activity Location Sources

The socialization activities carried out will increase the awareness of the craftsmen regarding the importance of using K3 which has a good impact on the craftsmen. Then the provision of PPE in the form of protective shoes will reduce the risk of work accidents at that

time so that workers feel comfortable and safe. The activities that have been carried out, will increase the understanding and awareness of the craftsmen so that in their work the workers will pay more attention to K3 for their safety.

CONCLUSION

The work program that is carried out is to increase worker awareness regarding the importance of Occupational Health and Safety (K3) in the construction of production warehouses in Penyaringan Village by providing socialization to workers regarding the importance of using K3 to workers who do not use PPE according to standards so that the activities carried out are effective and efficient. By providing socialization, it is hoped that workers will understand the importance of using K3 which will make workers feel comfortable and safe when working. In addition, after the socialization, PPE was given according to the PPE that was not used at that time. This is done to reduce the risk of work accidents that occur. The PPE provided is by existing PPE standards, namely protective hats, safety vests, gloves, and protective boots. The activities that have been carried out will have a good impact on the workers so that they will pay more attention to K3 for the sake of feeling safe, and comfortable and of course for their safety.

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