

Analysis of Officers' Compliance in Personal Protective Equipment Utilization Against the Risk of Workplace Accidents in Generator Set Room

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ABSTRACT

Tool protector self (APD) is mandatory equipment used officer moment work on site Work For guard safety and security officers and people around them. accident Work is a an incident that did not occur suspected and not desired which disrupts the already existing process set up from a activities and can cause loss both human victims and also treasure objects . Research This aiming For know level compliance officer in use tool protector self in the generator set room of the house Sick General Sumedang Region. Research This use method qualitative with approach pheomology. Informant in study This 3 people were selected researcher that is informant main totaling 1 informant key totaling 1 and informant addition totaling 1 person. Data is collected with technique interview deep to every participants. Identified themes related with compliance use tool protector self namely 1. Self-knowledge 2. Applicable disciplinary attitudes 3. Length of service and experience Work influence compliance use tool protector 4. Facilities and infrastructure tool protector self for officer very important in minimize risk accident work. Conclusion of study This that is importance use tool protector self for officer in the generator room with supported by good facilities and infrastructure. Research This expected can used as input for institution House Sick General Sumedang especially officers in the generator set casting.



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1. INTRODUCTION

Hospital is a health service institution that provides comprehensive individual health services that provide health services to residents and provide inpatient, outpatient, and emergency services (Permenkes, 2019). A hospital is a workplace as well as a place for healthy people (workers and visitors) or sick people (patients) so a hospital is one of the workplaces with a high risk of work accidents (Diah et al. Navy (AL). 2021).

In Law Number 36 of 2009 concerning Health, specifically "Workplace managers are required to carry out all forms of health efforts through prevention, improvement, treatment and recovery efforts for workers". Based on this article, workplace managers in hospitals have an obligation to make their workers healthy. One of them is through health and safety efforts (Law of the Republic of Indonesia No. 36 of 2009 concerning Health)

Personal Protective Equipment provided by the agency requires knowledge and behavior that supports achieving occupational health goals. If the acceptance of new behavior or adoption of attitudes through this kind of process, which is based on knowledge, understanding, and positive behavior, the attitude will be maintained (long lasting) (Rahimudin Mufti Lubis et al. 2023.)

One Data Indonesia Employment Priority Data 2023 recorded that in 2023 the number of work accidents in Indonesia was 347,855 cases for wage earners and 19,921 cases for non-wage earners. West Java is the province with the highest number of accident cases in Indonesia, namely 62,808 cases for wage earners and 1,824 for non-wage earners. (One Data Indonesia Employment 2023)

The results of a preliminary study on May 13, 2024 through an interview with one of the sources, namely the operator in charge of the Sumedang Regional General Hospital, the number of work accident cases in the generator set room was 3 cases of work accidents consisting of 1 operator whose arm was splashed with sulfuric acid (battery water) when filling the battery water, 1 operator whose eye was splashed with diesel fuel when filling the fuel, and 1 mechanic was trapped in the arm when changing the oil filter on the unit.

Workplace accidents can be caused by two factors, namely human actions that do not meet safety standards and unsafe environmental conditions. But 80-85% of the consequences of accidents are humans, due to human negligence itself. This negligence can be caused by two factors, first because of employee indifference to the dangers of work accidents that threaten, they only pursue wages without caring about their own safety, second because of lack of awareness caused by lack of intelligence or knowledge about work safety (Transiska et al. 2015).

2. METHOD

This research method uses a qualitative method where researchers are directly involved with their research subjects to gain in-depth insights into various aspects of human, social, or cultural life. This method provides space for complexity and context that cannot always be measured in numbers, allowing researchers to explore broader dimensions of social reality. The main purpose of using qualitative methods is to deeply understand the complex aspects of human life. (Dr. Arif Rachman, et al. 2024).

Study This using Purposive Sampling. Sugiyono (2015: 300) stated that , the sampling technique is the technique for determining sample with consideration certain consisting of from three data source or informant that is Key Informant , Informant Keys , and Informants Addition

Table 1. Identity Informant

Position	Type Informant
Head of K3RS	Key Informant
Guarantor operator answer	Informant Key
Operator	Informant Addition

Method collection information used in research This customized with need in collection information . Therefore that's the data obtained in study This using data collection techniques according to Sugiyono (2017:/124-241) namely technique studies case is a type study qualitative , where writer do exploration in a way deep to programs, events , processes, activities to individual , technique studies field is techniques used researcher with stage observation directly on the object study that is observation , interviews , and documentation . According to Sugiyono (2017 :/167-277) testing validity of data in research qualitative can done with How to Test Credibility or trust against the results data study qualitative , extension observation , and triangulation

3. RESULTS AND DISCUSSION

3.1. Results

Moment This is in the Home generator installation Sick General Sumedang Area Still Lots officer who does not use tool protector self even in generator set installations only There is There is 1 set of tools protector self amount This very not enough from amount officer as many as 15 people so that officers working part big No use tool protector self moment work and conditions the room was dirty and dirty goods scattered on the floor room there is spills material fuel and oil lubricant as well as cable chaotic electricity so that potential cause risk danger for officers working like stung electricity until happen fire

The informants were selected and determined by the researcher intentionally because the informants have the capacity that is considered and viewed as directly related to the Analysis of Officer Compliance in the Use of Personal Protective Equipment Against the Risk of Work Accidents in the Generator Set Room of Sumedang Regional General Hospital. These informants were used as primary data sources through direct interviews.

3.2. Discussion

Discussion results study The same with the themes obtained , namely five themes that will be discussed as following .

1. Knowledge to tool protector self .

Research result known that For understanding about knowledge against to tool protector self , existence of SOP, function and method guard cleanliness researcher find existence equality understanding third informant about definition tool protector self , type tool protector self , existence of SOP, function tool protector self , and how guard cleanliness tool protector self . Tools Protector Self (APD) according to Regulation of the Minister of Manpower and Transmigration Republic of Indonesia, in particular in Ministerial Regulation No. 8 of 2010, defines as tool or equipment used For protect worker from various possible danger happened in place Work . Workers who use tool protector self must equipped information about What just possible danger occur , prevention What only one must done , given training method use tool protector self with true . (Ridley in Risnawati Cape , 2022)

Protection tool protector self covering part body worker that is part head (asafety helmet), part eye (glasses) part ears (earless), feet (shoes) and clothing work (Risnawati Cape)

From the source on knowledge about tool protector self become basic capital For minimize risk accident on the spot work . Therefore That very important for officer understand tool protector self moment work in a place that has potential danger

2. Discipline in use tool protector self

Based on results study information informant main different with informant keys and additional . According to Informant SOP key that must be obeyed by all officer generator set supervision and inspection room Each generator unit is operated by K3RS and DISTAMBEN . from completeness tool protector and also standard worthy generator unit operation .

According to Regulation of the Minister of Manpower (Permenaker) Number 5 of 2017 concerning guidelines compilation standard operational , Standard Operational Procedures (SOP) are defined as a series structured and systematic steps that must be taken followed For carry out a process or activity certain in organization . SOP aims to For ensure consistency , efficiency , and effectiveness in implementation tasks , and For make it easier evaluation and improvement performance in a way periodically .

According to Informant main moment do work Still There is officer who does not use tool protector self especially moment No There is supervision from K3RS according to Informant key officer No use tool protector self because of at any time there is emergency or condition time that is not Sync with situation services at Sumedang Regional Hospital .

According to informant key moment Work reason let go tool protector self moment Work because of when situation and conditions in condition emergency they No had time use tool protector self because of need time For use tool protector self . Answer from informant addition that moment Work No Once let go tool protector self moment Work .

Fact in the field show that the workers No use tool protector self because of feel No comfortable moment Work for example worker feel hot moment use a helmet when Work moment Work so that worker the take off the helmet when work (Sum'mamur in Risnawati Cape 2022)

According to informant key and informant addition tool protector self used Already comfortable and suitable with size body workers . According to Informant main as well as If There is officer caught No use tool protector self will given reprimand report to head generator set installation or guarantor answer generator set room .

Tool Protector Self must customized with condition or condition environment , factors danger , time the validity and others (Risnawati Cape 2022)

3. Work Experience and Length of Service Work Influence Compliance Use Tool Protector Self .

Based on results study between informant main and informant key own same description officer get training emergency like countermeasures disaster at work The same with party third such as the National Disaster Management Agency Regional Disaster Management Agency (BPBD) and the Office Fire Extinguisher Fire (DAMKAR) carried out routine One year once . However based on information informant addition that which gets training only certain people just while the operator only get Instructions just .

Based on results research also between informant main , informant key , and additional own same description that between senior officers and officers new related sharing method Usage tool protector self and things technical in the generator set room

Based on results research also between informant main and informant key , have the same information about the period of work officer Actually Can minimize risk accident Work because of incident that happened officer moment Work can made into evaluation in the future How method avoid from risk accident on the spot work . While answer from Informant addition different situation the If There is can confirmed There is There is If called No There is can confirmed No There is .

Based on results research also between informant main , informant key , and additional own different description according to informant main working period No fully influence compliance officer in use tool protector self because of officer the feel No threat danger in place Work as well as officer feel Already skillful For dodge from danger in place work . According to informant key and informant addition Already know that tool protector self beside rules are also tools protector used For security officer moment Work .

Experience vigilance about accident will increase in accordance age , length of service and how long he has worked work in a company . Worker new usually not enough know the ins and outs beluk tasks and jobs as well as their safety . They most more choose For finish work certain moreover before , so that No notice safety . Therefore that , safety moreover Formerly explained before do work on them as well as give guidance at the beginning start Work is very activity useful . If in company there is power Work new with lack of experience level accident tall must given attention special (Deli Syaputri 2022).

4. Facilities and infrastructure Tool Protector Self

Based on results study between informant main , informant key , and informant addition own same description that amount tool protector available self Still less . Plan addition amount tool protector self Still in stage submission with minimum amount one room 2 complete set tool protector self . Description informant main and informant key as well as informant addition own different description about tool protector self used in accordance standard . According to informant main tool protector available self only there is 1 helmet but the helmet Not yet SNI standards according to informant keys and additional tools too protector self provided must in accordance standard . Description owned by the informant main , informant key , and informant addition own same description that tool protector broken self as well as No worthy must replaced for security reasons officer moment Work

Based on Constitution Number . 1 of 1970 letter c concerning safety Work A companies and entrepreneurs have obligation For provide tool protector self free of charge to workers or whoever comes in or visit to location work and when No fulfil obligation the considered do violation to law and entitled get action .

Workers who use tool protector self must equipped information about What just possible danger occur , prevention What only one must done , given training use the right tool , consult and be allowed choose based on its compatibility , giving Instructions about good and tidy maintenance and storage and all disability and also damage must quick reported (Ridley in Risna Cape 2022)

Tool protector self provided company or businessman is tool protector self fulfilling condition Good its manufacture and testing , as well as own certificate (Risnawati Cape 2022).

4. CONCLUSION

Based on the results of qualitative research with a phenomenological research type regarding the Analysis of Officer Compliance in the Use of Personal Protective Equipment Against the Risk of Work Accidents in the Generator Set Room of Sumedang Regional General Hospital, the following conclusions can be drawn :

1. Understanding about tool protector self
2. Importance understand and comply standard operational applicable procedures (SOP)
3. The importance do inspection periodic to completeness safety or the unit that will operated
4. Importance use tool protector self moment Work
5. Appealing and educating usage tool protector self to officers who are on site Work
6. Senior officers do orientation and introduction place Work to officer new
7. Give reprimand and sanction to officer who does not comply standard operational applicable procedures and regulations .
8. Agency and also company must provide tool protector self for free against officer and also visitors entering the work area .
9. Agency must stage training to related officers with health and safety minimum work one year very .
10. Experience and length of service can influence compliance officer use tool protector on awareness and concern officer That Alone to standard operational applicable procedures .

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