

The Application of Behavior Based Safety with The do it Method Method on Pertamina Officers in Makassar City

Alfina Baharuddin^{1,a,*}, **Suharni A.Fachrin**^{2,a}, **Widya Eka Putri**^{3,a}

^a Faculty of Public Health, Universitas Muslim Indonesia, Makassar, Indonesia

* alfina.baharuddin@umi.ac.id

Abstract. Behavior Based Safety (BBS) is human safety behavior in the work area in identifying hazards and assessing potential risks. The direct cause of accidents comes from unsafe acts. (The aim of this research is how to identify the stages of implementing Behavior Based Safety (BBS) using the DO IT method, what forms of intervention are given in an effort to modify worker behavior for Pertamina officers in Makassar City, Research Method/Implementation Method: This type of research is quantitative with an observational approach, with behavior based safety using the DO IT method. Data collection was carried out by observation, document review and interviews. The Observe stage, namely observing predetermined behavior, obtained an initial score that the level of application of PPE to workers was 66.6%. the majority workers have demonstrated safe behavior (56.6%). Safety briefings were carried out in the Pertamina Daily Department. The results of the study showed that, with regard to compliance with operating procedures, the majority of workers had demonstrated safe behavior (53.3%). Safety briefings were carried out in the Pertamina Based on research results, the DO IT method is an effective and efficient method for industries that do not yet have a good K3 management system in a company. This is because this method is able to quickly change unsafe behavior (unsafe act) into safe behavior (safe act) at a low cost.

Keywords: DO IT, Pertamina, Define, Observed, Intervene.