ABSTRACT

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Title   : Factors Associated with Behavior in Application of 5S for Workers in Finishing Project X on 2018

5S is an activity of sorting, structuring, repairing, maintaining, and habituating that is needed to manage work properly. 5S in the construction industry is carried out with relation to the quality to produce work with effective and safe results by cultivating occupational health and safety through the 5S program. This research is a quantitative study with a cross sectional study design. The sample of this study was 75 workers who completed the X project. Data collection is done by collecting questionnaires. Bivariate analysis was performed by chi-square test. The results showed that the factors that influenced the application of 5R to workers completing the X project in 2018 were motivation ($P\ value$ = 0.004), supporting facilities ($P\ value$ = 0,000), reward & punishment ($P\ value$ = 0,000) and control ($P\ value$ = 0.002).

Keywords: behavior, 5S, construction workers, motivation, availability of facilities, reward & punishment, supervision
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