

다단적재 복합들기 작업에 대한 NIOSH 들기작업 수식의 적용 방법

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ABSTRACT

The NIOSH lifting equation is widely used in the evaluation of manual lifting work. This equation is very easy to apply to the simple lifting task in which task variables are constant during the work. However, the complex lifting task such as multiple stacking of boxes on a pallette is not easy to apply because of the complicated calculation procedure. If we have a model to convert the complex lifting task to the equitable simple one, it will be convenient. In this study, a regression equation was suggested for the conversion based on the comparison of lifting indexes between simple and complex lifting tasks.

Keywords : NIOSH lifting equation, complex lifting task, simple lifting task