



## Análisis de exposición a vibraciones mano-brazo en trabajadores de una constructora [

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text (article)

Analítica

Since manual machinery operators in the construction sector are exposed to different levels of hand-arm vibration for varying periods of time, approaches are needed to reduce this exposure for specific types of construction exposures. Although several types of anti-vibration gloves have been developed to address this problem, there has been a lack of research in Colombia to reduce exposures of this type in the construction sector. Methods: different hand-arm vibration measurements were performed in the four most representative machines in the construction sector. Results: Of the four machines evaluated, three showed high exposure to hand arm vibrations and a tool with moderate exposure. Conclusions: according to the results of this study, it is evident that construction works and, in general, work activities where manual tools are used must have a surveillance system that reduces the risk of acquiring musculoskeletal diseases due to exposure to vibration risks of adverse effects on health

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