

# HUMAN VIBRATION EXPOSURE DIRECTORY

## PROJECT OVERVIEW

This project looks to combine existing technology and data to develop an online platform that is accessible by Occupational Health and Safety (OHS) personnel. The platform will house a directory of whole-body vibration and hand-arm vibration exposure measurements made on DoD equipment by DoD personnel.

## BENEFITS

The directory becomes a force multiplier by allowing OHS personnel the ability to search other installation's efforts to determine if equipment has previously been measured under similar conditions. They can then estimate their workers' exposures and quickly compare them to recognized standards to determine if further investigation is warranted.

## PATH FORWARD

Once this project is complete, OHS personnel will be able to determine exposure measurements and enter data into the Defense Occupational and Environmental Health Readiness System (DOEHRs) and document an individual's longitudinal exposure record.

## Proposed Directory Front Page

### Tool Search

Search the directory for tool vibration information



### Vehicle Search

Search the directory for vehicle vibration information



## Proposed Search Page

HVED Home Tool Search Vehicle Search Submit Data Contact

### Tool Search

Use the Search button to search for the tool you wish to view. You can limit the results of your search by selecting one or more categories. Refer to the guide below for further instructions on how to search by category.

Fields marked with \* :

- Drop-down. Choose the item from the list
- Starts with. Type the first letter(s) of the item and select the corresponding item from the list or select nothing to limit the results returned by letter(s) entered.
- Nothing. Items will NOT be limited by this category.

Fields marked with \*\* :

- Starts with. Type the first letter(s) of the item to limit the results returned by letter(s) entered.
- Nothing. Items will NOT be limited by this category.

Fields marked with \*\*\* :

- Contains. Type the letter(s) of the item to limit the results returned by letter(s) entered.

Category	Search Parameter
Tool *	Select tool ...
Manufacturer Name *	Select manufacturer ...
Model Number **	<input type="text"/>
Serial Number ***	<input type="text"/>
Location of Assessment *	Select installation ...

### DoD Executive Agent

Office of the Assistant Secretary of the Army for Installations, Energy, and Environment

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### FOR FURTHER INFORMATION

National Defense Center for Energy and Environment  
<http://www.denix.osd.mil/ndcee/home>

Army Public Health Center Ergonomics Branch  
<https://phc.amedd.army.mil/topics/workplacehealth/ergo/Pages/default.aspx>