From: Commanding Officer, Naval Health Clinic Lemoore
To: President, Naval Postgraduate School

Subj: NOISE MEASUREMENT SURVEY RESULTS

Encl: (1) Industrial Hygiene Noise Survey Report

1. Systems Engineering Department Bldg. 233, Room 201M machine and handheld saws noise levels were measured on 17 January 2018 by the Monterey area Industrial Hygienist.

2. Results and recommendations are discussed in enclosure (1).

3. Further clarification or consultation with respect to this report is available from S. Eric Thurston, Industrial Hygienist at Commercial (831) 656-1074, e-mail sethurst@nps.edu.

J. R. SALZER, Sr.
By direction
INDUSTRIAL HYGIENE SURVEY DATA

Command: Naval Postgraduate School, Monterey
Dept: Systems Engineering
Location: Bldg. 233, Room 201M

Date: 17 January 2018
POC: Albert Jordan

DESCRIPTION: On 17 January 2018, noise levels of machine and handheld saws were measured during operation of equipment that could not be started during the 2017 comprehensive industrial hygiene survey site visit. The equipment consists of a stationary band saw, portable (handheld) band saw, benchtop cutoff saw, (handheld) circular saw, and (handheld) jig saw.

RESULTS:

The noise level of the stationary (machine tool) band saw exceeds the single hearing protection noise criterion level of 85 dBA, and the levels of all other items exceeded the double hearing protection criterion of 96 dBA.

DISCUSSION:

The stationary (machine tool) band saw requires wearing of single hearing protection (ear plugs or muffs), and all other equipment requires wearing of double hearing protection (ear plugs and muffs).

RECOMMENDATIONS: Wear the above identified hearing protection. The stationary band saw and benchtop cutoff saw are occasionally used for less than 5 minutes per day, and all other items are stored (purchased as part of a large modular cordless tool set) but have never been used. There are no operations that will require usage of the stored equipment in the near future. Since 8-hour time-weighted average noise exposures are insignificant from operation of any of this equipment, regardless of whether occurring alone or together on the same day, the following actions are unnecessary:

- enrollment in the command Hearing Conservation Program
- annual audiograms (hearing tests)
- hearing conservation training.

The Academic Laboratory Engineer, and any other department members operating the equipment in the future, only need to complete annual personal protective equipment (PPE) training.

REFERENCES: BUMEDNOTE 6260 BUMED M-44 of 9 May 16, enclosure (1), para 6c
OPNAVINST 5100.23G, Ch 18, paras 1807; Ch 20, para 2013