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7. Engineering Controls

Engineering controls are design plans or changes to the working environment to prevent or reduce personnel exposure to hazards. The following example of engineering controls should be considered to minimize the use of PPE requirements:

- Installation of equipment to minimize handling

- Installation of ventilation

- Accessibility of proper tools equipment or machinery to be used in place of PPE

8. Administrative Controls

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Clothing

Specific types of clothing may be required to further protect personnel from other types of hazards including the following:

High visibility vests may be required in areas with heavy vehicle traffic or airports.

Fire resistant clothing may be required for work involving welding, brazing, torch cutting or other task where personnel is exposed to flames or high temperatures

Cold weather gear will be required anytime personnel are expected to work in extremely cold temperatures

Chemical resistant clothing may be required for work with chemical or biological agents. This may include lab coats or aprons in laboratory settings.

Light weight disposable coveralls are used to keep general dust and dirt off personnel clothing and prevent from spreading the material to other areas

Respiratory Protection

Respiratory protection is covered under the UAA Respiratory Protection Program. It is important to remember that there are additional requirements for personnel anytime respiratory protection is required including medical clearance and respirator fit tests. The UAA Respiratory Protection Program must be referenced, and the EHS/RM notified if required.

Hearing Protection

Hearing protection is also covered under a separate UAA program. If there is the possibility hearing protection is required, EHS/RM should be contacted to do a noise assessment of the specific task or area, to determine whether hearing protection is required under the hearing protection program.

Cleaning and Maintenance

It is important that all PPE be kept clean and properly maintained. Cleaning is particularly important for eye and face protection where dirty or fogged lenses could impair vision. PPE should be inspected, cleaned, and maintained at regular intervals so that the PPE provides the

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11. Inspections

Inspections of PPE should occur:

Prior to every use, workers will visually inspect their PPE to ensure proper working condition. All PPE must be intact and adequate to protect from expected hazards. Any time PPE is compromised and unsafe for use, it must be disposed of and new PPE provided.

Periodically EHS/RM department, sup

