

**Newport News Shipbuilding  
Contractor Environmental, Health and Safety  
Resource Manual**

**Personal Protective Equipment**

## **PPE**

### **1. *Hazard Assessment***

All contractors and vendors shall perform a Hazard Assessment of each job to determine the personal protective equipment needed to perform such job. Hazard assessments shall be maintained by the contractor for the entire length of time to complete the job at NNS. Hazard assessments shall be made available for review upon request.

### **2. *References***

- A. 29 CFR 1910.132 Personal Protective Equipment, General Industry.
- B. 29 CFR 1915.151 to .160 Personal Protective Equipment, Maritime.
- C. 29 CFR 1926.28 Personal Protective Equipment, Construction.
- D. ANSI Z41-1991 – American National Standard for Personal Protection – Protective Footwear
- E. ANSI Z87-1-2003 – Practice for Occupational and Educational Eye and Face Protection
- F. ANSI Z89-1969 – American National Standard for Safety Requirements for Industrial Head Protection
- G. ANSI Z89-1986 – American National Standard for Personal Protection – Protective Headwear for Industrial Workers-Requirements
- H. ASTM F2412-05 – Standard Test Methods for Foot Protection
- I. ASTM F2413-05 – Standard Specification for Performance for Foot protection
- J. 29 CFR 1910.95 - Occupational noise exposure & 29 CFR 1926.28 Occupational noise exposure

### **3. *Requirements***

- A. Hard hats, safety glasses and safety shoes are required in production areas. Areas not considered production areas are the main roadway from the 37<sup>th</sup> street gate to building 87 on the east side of the railroad tracks and the walkway from building 1744 to building 1821 or any area where EH&S has granted a written variance. If

production work starts in either of these areas, they will be considered production areas.

- B. Clothing shall be suitable for the type of work being performed. Contractors shall not wear polyester/synthetic (man-made) clothing while performing hotwork operations.
- C. Safety glasses with a mirrored finish are not allowed on NNS property at any time.
- D. All safety glasses must have mounted side shields.
- E. Contractors shall provide their own PPE unless superseded by contractual agreement.
- F. PPE shall be properly maintained.
- G. The following equipment and operations have the potential to produce excessive noise levels therefore contractors must use hearing protection unless they have sampling data to document their equipment is below the action level:
  - 1. Pneumatic tools (grinders, compressors, needle guns, drills, chippers, hammers, impact wrenches, etc.).
  - 2. Welding, cutting, burning, carbon arc gouging and other operations generating sparks or molten metal, not to include manual and automatic gas tungsten arc welding (GTAW) and submerged arc welding.
  - 3. Abrasive blasting, vacuveyors, etc.
  - 4. Power tools (grinders, planers, saws, jointers, etc.).
  - 5. High impact equipment/operations (plate hammering, stenciling, power stud guns, concrete breaking, pile driving, etc.).
  - 6. Pressurized cleaning equipment (steam, air, water, etc., except compressed air less than 30 psi).