

# **Personal Protection Equipment Hazard Assessment Worksheet List**

Warehouse Workers

Engineering/Maintenance

Forklift/Pallet Jack Operators

Sanitation Operations

Inventory Control

Welding/Torching Exposure

Electrical Exposures

Office Staff/Suppliers/Visitors/Contractors

## PPE Hazard Assessment Worksheet

**Department:** Warehouse

**Operation:** Warehouse workers

### TASK POTENTIAL HAZARDS

#### **Foot Hazards**

- \* Dropped Pallets
- \* Cuts from stacked pallets
- \* Dropped cased products
- \* Potentially Slippery floor
- \* Cold work environment

#### **Head Hazards**

- \* Bumping head while working around racks
- \* Bumping head on palletized products
- \* Working in area with overhead exposures.

#### **Hand Hazards**

- \* Cold work environment
- \* Chemical hazard - Changing Battery

#### **Eye Hazards**

- \* Chemical splash hazard when filling batteries
- \* Chemical splash hazards, handling liquid chemical
- \* Possible fling particle when chipping/grinding ice

#### **Ear Hazards**

- \* No exposure.

#### **Body Hazard:**

- \* Cold work environment
- \* When working at elevated heights

### PERSONAL PROTECTIVE EQUIPMENT

Required to wear  
Steel toe boots - ANSI Z41 1991  
Slip resistance soles  
Insulated Boots for cold

Required to wear  
Class A hard hat - ANSI Z89.1 1986

Cold weather gloves that are furnished  
Chemical resistance gloves that are provided

Splash goggles - ANSI - Z87.1 1989  
Splash goggles - ANSI - Z87.1 1989  
Impact-resistant spectacles ANSI Z87.1

Insulated coveralls and insulated coats  
Personal Fall Arrest Equipment

## PPE Hazard Assessment Worksheet

**Department:** Engineering/Maintenance

**Operation:** Engineering/Maintenance operations

### TASK POTENTIAL HAZARDS

### PERSONAL PROTECTIVE EQUIPMENT

#### Foot Hazards

- \* Dropped steel
- \* Cuts from machinery
- \* Dropped tools
- \* Dropped machine components
- \* Slippery floor (oil, water, ice, etc.)
- \* Working with or near exposed electrical wiring or components

Required to wear  
Steel toe boots - ANSI Z41 1991  
Slip resistance soles  
Nonconductive steel toe boots  
ANSI - Z41 1991

#### Head Hazards

- \* Bumping head while servicing/maintaining machine
- \* Bumping head on products lifted by jib
- \* Working within machinery
- \* Falling object while working in rack.
- \* Working with or near exposed electrical wiring or components

Required to wear  
Class A hard hat - ANSI Z89.1 1986

#### Hand Hazards

- \* Chemical Hazards, handling batteries
- \* Chemical hazards, Handling petroleum products
- \* Cuts from handling steel
- \* Cuts from working on machines
- \* Pinches from handling machine components

Required protective gloves  
Required protective gloves  
Cut resistance gloves  
Cut resistance gloves  
Cut/blow resistance gloves

#### Eye Hazards

- \* Flying particle while grinding, sanding, and chipping
- \* Possible falling particle when working on machines
- \* Chemical hazards, handling Batteries
- \* Chemical hazards, handling petroleum products

Impact-resistant spectacles ANSI Z87.1  
Impact-resistant spectacles ANSI Z87.1  
Splash goggles - ANSI - Z87.1 1989  
Splash goggles - ANSI - Z87.1 1989

#### Ear Hazards

Loud noise from engine room

Single-use earplugs or earmuffs

#### Body Hazards

- Fall hazards from working at heights  
Changing batteries
- \* When working at elevated heights

Full body harness & lanyard.  
Rubber aprons  
Personal Fall Arrest Equipment

## PPE Hazard Assessment Worksheet

**Department:** Warehouse

**Operation:** Forklift/Pallet Jack Operators

### TASK POTENTIAL HAZARDS

#### **Foot Hazards**

- \* Dropped Pallets
- \* Cuts from stacked pallets
- \* Dropped cased products
- \* Potentially Slippery floor
- \* Cold work environment

#### **Head Hazards**

- \* Bumping head while working around racks
- \* Bumping head on palletized products
- \* Working in area with overhead exposures.

#### **Hand Hazards**

- \* Cold work environment
- \* Chemical hazard - Changing Battery

#### **Eye Hazards**

- \* Chemical splash hazard when filling batteries
- \* Chemical splash hazards, handling liquid chemical
- \* Possible fling particle when chipping/grinding ice

#### **Ear Hazards**

- \* No exposure.

#### **Body Hazard:**

- \* Cold work environment
- \* When working at elevated heights

### PERSONAL PROTECTIVE EQUIPMENT

Required to wear  
Steel toe boots - ANSI Z41 1991  
Slip resistance soles  
Insulated Boots for cold

Required to wear  
Class A hard hat - ANSI Z89.1 1986

Cold weather gloves that are furnished  
Chemical resistance gloves that are provided

Splash goggles - ANSI - Z87.1 1989  
Splash goggles - ANSI - Z87.1 1989  
Impact-resistant spectacles ANSI Z87.1

Insulated coveralls and insulated coats  
Personal Fall Arrest Equipment

## PPE Hazard Assessment Worksheet

**Department:** Sanitation

**Operation:** Sanitation

### TASK POTENTIAL HAZARDS

#### **Foot Hazards**

- \* Dropped Pallets
- \* Cuts from stacked pallets
- \* Dropped products
- \* Potentially Slippery floor
- \* Cold work environment

#### **Head Hazards**

- \* Bumping head while working in warehouse

#### **Hand Hazards**

- \* Cold work environment
- \* Chemical hazard – Cleaning supplies

#### **Eye Hazards**

- \* Chemical splash hazard when filling batteries
- \* Chemical splash hazards, handling liquid chemical
- \* Possible fling particle when chipping/grinding ice

#### **Ear Hazards**

- \* No exposure.

#### **Body Hazard:**

- \* Cold work environment
- \* When working at elevated heights

### PERSONAL PROTECTIVE EQUIPMENT

Required to wear  
Steel toe boots - ANSI Z41 1991  
Slip resistance soles  
Insulated Boots for cold

Required to wear  
Class A hard hat - ANSI Z89.1 1986

Cold weather gloves that are furnished  
Chemical resistance gloves that are provided

Splash goggles - ANSI - Z87.1 1989  
Splash goggles - ANSI - Z87.1 1989  
Impact-resistant spectacles ANSI Z87.1

Insulated coveralls and insulated coats  
Personal Fall Arrest Equipment

## PPE Hazard Assessment Worksheet

**Department:** Inventory Control

**Operation:** Warehouse Inventory Audits

### TASK POTENTIAL HAZARDS

#### **Foot Hazards**

- \* Dropped Pallets
- \* Cuts from stacked pallets
- \* Dropped cased products
- \* Potentially Slippery floor
- \* Cold work environment

#### **Head Hazards**

- \* Bumping head while working around racks
- \* Bumping head on palletized products
- \* Working in area with overhead exposures.

#### **Hand Hazards**

- \* Cold work environment
- \* Chemical hazard - Changing Battery

#### **Eye Hazards**

- \* Chemical splash hazard when filling batteries
- \* Chemical splash hazards, handling liquid chemical
- \* Possible fling particle when chipping/grinding ice

#### **Ear Hazards**

- \* No exposure.

#### **Body Hazard:**

- \* Cold work environment
- \* When working at elevated heights

### PERSONAL PROTECTIVE EQUIPMENT

Required to wear  
Steel toe boots - ANSI Z41 1991  
Slip resistance soles  
Insulated Boots for cold

Required to wear  
Class A hard hat - ANSI Z89.1 1986

Cold weather gloves that are furnished  
Chemical resistance gloves that are provided

Splash goggles - ANSI - Z87.1 1989  
Splash goggles - ANSI - Z87.1 1989  
Impact-resistant spectacles ANSI Z87.1

Insulated coveralls and insulated coats  
Personal Fall Arrest Equipment

## PPE Hazard Assessment Worksheet

**Department:** Engineering/Maintenance

**Operation:** welding/torching/Arc welding operators

### TASK POTENTIAL HAZARDS

### PERSONAL PROTECTIVE EQUIPMENT

#### Foot Hazards

- \* Dropped steel
- \* Dropped tools
- \* Hot molten steel

Required to wear  
Steel toe boots - ANSI Z41 1991

#### Head Hazards

- \* Bumping head while repairing machine
- \* Bumping head on products lifted by crane/jib
- \* Struck by chain/hook/cable on crane/ jib
- \* Struck by part being torched/welded

Required to wear  
Class A hard hat - ANSI Z89.1 1986

#### Hand Hazards

- \* Cuts from handling steel products
- \* Pinches from handling steel products
- \* Molten metal

Cut resistance gloves  
Cut/blow resistance gloves  
Heat resistance gloves

#### Eye Hazards

- \* Oxygen cutting

Electrode  
size in 1/32"  
<1  
1-6  
>6

Arc  
current  
< 25  
25-150  
>150

Welding goggles protective shade #3  
Welding goggles protective shade #4  
Welding goggles protective shade #5

- \* Gas welding

Electrode  
size in 1/32"  
<1/8  
1-6  
>6

Arc  
current  
<3.2  
3.2-12.7  
>12.7

Welding goggles protective shade #4  
Welding goggles protective shade #5  
Welding goggles protective shade #6

- \* Electric arc welding

Welding goggles, coverspec type, tinted  
plate lens protective shade #10 or  
Welding helmet, Tinted plate lens  
protective shade # 10

(a) Design requirements. Insulating gloves, sleeves, matting, covers, blankets, and line hose made of rubber shall meet the following requirements.

(1) Manufacture and marking. (i) Gloves, blankets, and sleeves shall be produced by a seamless process.

(ii) Each item shall be clearly marked as follows:

(A) Class 0 equipment shall be marked Class 0	Maximum use voltage 1,000
Class 1 equipment shall be marked Class 1	Maximum use voltage 7,500
Class 2 equipment shall be marked Class 2	Maximum use voltage 17,000
Class 3 equipment shall be marked Class 3	Maximum use voltage 26,500
Class 4 equipment shall be marked Class 4	Maximum use voltage 36,000

(b) In-service care and use. (1) Electrical protective equipment shall be maintained in a safe, reliable condition.

(2)(ii) Insulating equipment shall be inspected for damage before each day's use and immediately following any incidents that can reasonably be suspected of having caused damaged. Insulating gloves shall be given an air test, along with the inspection.

(2)(iii) Insulating equipment with any of the following defects may not be used:

(A) A hole, tear, puncture, or cut

(B) Ozone cutting or Ozone checking

(C) An embedding foreign objects

(D) Any of the following texture changes: swelling, softening, hardening, or becoming sticky, or inelastic.

(E) Any other defect that damages the insulating properties.

(v) Insulating equipment shall be cleaned as needed to remove foreign substances.

(vi) Insulating equipment shall be stored in such a location and in such a manner as to protect it from light, temperature extremes, excessive humidity, ozone, and other injurious substance and conditions.

(vii)(A) Protector gloves need not be used with class 0 gloves, under limited use condition.

*Note:* The rubber-insulated gloves purchased to control the exposure must be tested by the manufacture before implementing their use in our facilities. Rubber insulating gloves must be tested every 6 months after being placed in service or new gloves purchased.

1910.335(a)(v)(A) Fuse handling equipment; insulated for the circuit voltage, shall be used to remove or install fuses when the fuse terminals are energized. Fuse handling equipment must be inspected daily to ensure the equipment is in good condition before using such tools.

1910.268(b)(7) Approach distances to exposed energized parts. The employee shall never approach or take any conductive objects closer then 12 inches to any electrically energized parts of 300V to, but not over 750V. Unless:

(b)(7)(i) The employee is insulated or guarded from the energized parts (insulated gloves rated for the voltage involved shall be considered adequate insulation, or

(b)(7)(ii) The energized parts are insulated or guarded from the employee.

(c) Training: All employees involved, must be trained in the various precautions and safe practices associated with close proximity work to electrically energized parts.



## PPE Hazard Assessment Worksheet

**Department:** Office staff, suppliers, subcontractors, and visitors.

**Operation:** When the office staff, suppliers, subcontractors, and visitors are exposed to the same hazards as our warehouse workers are exposed too, then that exposed persons which is located in the proximity hazard zone must comply with the required PPE plan

Date: 01/20/06

### TASK POTENTIAL HAZARDS

### PERSONAL PROTECTIVE EQUIPMENT

#### Foot Hazards

- \* Dropped Pallets
- \* Cuts from stacked pallets
- \* Dropped cased products
- \* Potentially Slippery floor
- \* Cold work environment

Required to wear  
Steel toe boots - ANSI Z41 1991  
Slip resistance soles  
Insulated Boots for cold

#### Head Hazards

- \* Bumping head while working around racks
- \* Bumping head on palletized products
- \* Working in area with overhead exposures.

Required to wear  
Class A hard hat - ANSI Z89.1 1986

#### Hand Hazards

- \* Cold work environment
- \* Chemical hazard - Changing Battery

Cold weather gloves that are furnished  
Chemical resistance gloves that are provided

#### Eye Hazards

- \* Chemical splash hazard when filling batteries
- \* Chemical splash hazards, handling liquid chemical
- \* Possible fling particle when chipping/grinding ice

Splash goggles - ANSI - Z87.1 1989  
Splash goggles - ANSI - Z87.1 1989  
Impact-resistant spectacles ANSI Z87.1

#### Ear Hazards

- \* No exposure.

#### Body Hazard:

- \* Cold work environment

Insulated coveralls and insulated coats