

PPE Hazard Assessment and Certification

Use this form to identify hazards and to certify (document in writing) that you completed the PPE assessment. Keep it on file in your workplace.

Survey your workplace as often as necessary to identify safety and health hazards that require PPE.

General information

Department:

Location:

Work activity assessed:

Person(s) performing assessment:

Assessment date:

Hazard assessment certification

I certify that the PPE hazard assessment was performed on the date indicated.

Signed by:

Date:

| PPE (from the attached assessment worksheets) | Required? | |
|---|--------------------------|--------------------------|
| | Yes | No |
| Eye and Face protection | <input type="checkbox"/> | <input type="checkbox"/> |
| Head protection | <input type="checkbox"/> | <input type="checkbox"/> |
| Foot protection | <input type="checkbox"/> | <input type="checkbox"/> |
| Hand and arm protection | <input type="checkbox"/> | <input type="checkbox"/> |
| Respiratory protection | <input type="checkbox"/> | <input type="checkbox"/> |
| Hearing protection | <input type="checkbox"/> | <input type="checkbox"/> |
| Trunk and Arm protection | <input type="checkbox"/> | <input type="checkbox"/> |
| Leg protection | <input type="checkbox"/> | <input type="checkbox"/> |
| Fall protection | <input type="checkbox"/> | <input type="checkbox"/> |

PPE Hazard Assessment and Certification

Eye and Face Protection

General Rules:

- *Employees must use appropriate eye or face protection when exposed to flying particles, molten metal, liquid chemicals, acids or caustic liquids, chemical gases or vapors, or potentially injurious light radiation.*
- *Eye protection must be made to meet the requirements of ANSI/ISEA Z87.1-2010, ANSI Z87.1-2003, or ANSI Z87.1-1919 (R-1998).*
- *Eye protection must have side protection when there is a hazard from flying objects. Detachable side shields are allowed.*
- *Employees who wear prescription lenses must wear eye protection that fits over the lenses without disturbing the proper position of the prescription lenses, or ANSI-approved prescription lenses with side shields.*
- *Employees who are exposed to potentially injurious light radiation must use filter lenses that have the shade number appropriate for the work being performed or be self-darkening to the proper shade.*
- *Employees whose work exposes them to laser beams must wear laser safety goggles that protect for the wavelength and power of the laser being used.*

Department:

Location:

Work activity assessed:

Potential hazards:

- Dust, dirt, metal, or wood chips from chipping, grinding, sawing, hammering, or power tools
- Flying objects
- Chemical splashes from corrosive substances, hot liquids, and solvents
- Blood splash or spray
- Objects such as tree limbs, chains, tools, and ropes that can swing into the eyes or face
- Harmful light from welding, lasers or other radiant sources
- Other: _____

Likelihood of injury without PPE:

- High
- Medium
- Low

Severity of a potential injury without PPE:

- Minor first aid required
- Serious not life threatening
- Life threatening

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PPE required (select all that apply):

- None required
- Safety glasses
- Side shields
- Face shield
- Goggles
- Splash goggles
- Impact goggles
- Balaclava
- Arc flash rated (Arc rating _____ cal/cm²)
- Welding goggles
- Welding hood
- Welding helmet/shield with self darkening or (____) rated lenses
- Laser safety goggles rated for the wavelength (____) and power (____) of the laser
- Other: _____

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Head Protection

General Rules:

- *Employees must wear hardhats when they work where there is a potential for head injuries from falling or flying objects.*
- *Head protection must be made to meet the requirements of ANSI Z89.1-2009, ANSI Z89.1-2003 or ANSI Z89.1-1997*
- *Employees must use hard hats designed to reduce electrical shock hazards when they're working near exposed electrical conductors that could contact their heads.*
- *Employees who are exposed to power-driven machinery or to sources of ignition should wear caps or other head protection that completely covers their hair.*

Department:

Location:

Work activity assessed:

Potential hazards

- Overhead objects that could fall
- Exposed pipes, beams or other object or equipment at head height or lower
- Energized electrical equipment
- Moving equipment where hair could be entangled
- Other: _____

Likelihood of injury without PPE

- High
- Medium
- Low

Severity of a potential injury without PPE

- Minor first aid required
- Serious not life threatening
- Life threatening

PPE required (select all that apply):

- None required
 - Bump cap (only where striking head while working under equipment)
 - Impact Type I – full brim
 - Impact Type II – brimless with visor
 - Class A or G (general – up to 2,200 volts)
 - Class B or E (electrical – up to 20,000 volts)
 - Class C (conductive – made of metal, not for use near electrical hazards)
 - Low temperature rated
 - High visibility (Class _____)
 - Other: _____
-

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Foot Protection

General Rules:

- *Employees must wear protective footwear when they work where there is a danger of foot injuries due to falling or rolling objects, or objects piercing the sole, or electrical hazards like static discharge or shock.*
- *Foot protection must be made to meet the requirements of ANSI Z41-1991, ANSI Z41-1999, ASTM F-2412-2005, or ASTM F-2413-2005.*

Department:

Location:

Work activity assessed:

Potential hazards:

- Heavy objects such as vehicles or objects that might roll onto or fall on a worker's feet
- Sharp objects such as nails or metal that could pierce the sole or upper
- Molten metal (includes welding)
- Hot, wet, or slippery surfaces
- Energized electrical equipment
- Static discharge protection
- Blood contact
- Other: _____

Likelihood of injury without PPE:

- High
- Medium
- Low

Severity of a potential injury without PPE:

- Minor first aid required
- Serious not life threatening
- Life threatening

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PPE required (select all that apply):

- None
- Shoe covers
- Enclosed work shoes
- Slip resistant soles
- Puncture resistant soles
- Electrical resistant soles
- Electrically conductive soles (static discharge)
- Ankle high
- Shin high
- Knee high
- Chemical/blood/water resistant
- Thermal insulated
- Arc flash rated (Arc rating _____ cal/cm²)
- Steel toe cap – Class 50 (1,750 lb) or 75 (2,500 lb)
- Alloy toe cap – Class 50 (1,750 lb) or 75 (2,500 lb)
- Composite toe cap - Class 50 (1,750 lb) or 75 (2,500 lb)
- Metatarsal guards – Class 50 (1,750 lb) or 75 (2,500 lb)
- Logging boots
- Other: _____

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Hand Protection

General Rules:

- *Employees must use appropriate hand protection when their hands or arms are exposed to harmful substances; severe cuts or lacerations; abrasions; punctures; chemical burns; thermal burns (from heat or electricity) and extreme temperatures.*
- *Employers should base the selection of the appropriate hand protection on an evaluation of the performance characteristics of the hand protection relative to the task, conditions present, duration of use, and potential hazards identified.*
- *Employees must not wear gloves when their hands could be caught in moving equipment.*

Department:

Location:

Work activity assessed:

Potential hazards:

- Harmful temperature extremes
- Chemicals that can be absorbed or damage the skin, or cause burns (from the SDS)
- Blood contact
- Energized electrical equipment or arc flash
- Mechanical equipment or tools that can cause bruises, abrasions, cuts, punctures, fractures, or amputations
- Other: _____

Likelihood of injury without PPE:

- High
- Medium
- Low

Severity of a potential injury without PPE:

- Minor first aid required
- Serious not life threatening
- Life threatening

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PPE required (select all that apply):

- None
- Wrist length
- Forearm length
- Shoulder length
- Leather
- Cut resistant
- Puncture resistant
- Electrical insulated rubber gloves (must be worn with leather over gloves)
- Anti-vibration
- Surgical style
- Chemical/blood resistant (State the proper material _____)
- Thermal insulated
- Arc flash rated (Arc rating _____ cal/cm²)
- High visibility (Class _____)
- Other: _____

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Respiratory Protection

General Rules:

- *Appropriate respirators are required when workers are exposed above a permissible exposure limit (PEL) for specific air contaminate as listed in Section 800.5, in a substance specific standard (like asbestos, lead, etc.) or to an IDLH atmosphere.*
- *All respirators must be NIOSH approved.*
- *Where respirators are required the employer must establish a written respiratory protection program as given in 29 CFR 1910.134 (c) and provide the respirators in accordance with that program.*
- *Where employees use respirators on a voluntary basis the employer must meet the requirements of 29 CFR 1910.134 (c)(2).*

Department:

Location:

Work activity assessed:

Potential hazards (Check SDSs to identify the specific chemicals):

- Nuisance dust
- Toxic dust (asbestos, respirable crystalline silica, arsenic, etc.)
- Welding fumes
- Toxic metal (lead, hexavalent chromium, cadmium, etc.)
- Organic vapors
- Acid gases
- IDLH atmosphere (oxygen deficient, explosive or toxic)
- Other: _____

Likelihood of injury without PPE:

- High
- Medium
- Low

Severity of a potential injury without PPE:

- Minor first aid required
- Serious not life threatening
- IDLH – life threatening

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PPE required (select all that apply):

None

Face piece type

Half face piece

Full face piece

Hood

Loose fitting

Air purifying respirator

Filtering face piece (N, P or R – 90, 95 or 100)

Powered air-purifying respirator (PAPR)

Particulate pre-filter

High efficiency particulate air (HEPA) filter

Organic vapor cartridge (Change out time-_____ hr:min)

Acid gas cartridge (Change out time-_____ hr:min)

Combination cartridge as selected above (Change out time-_____ hr:min)

Atmosphere-supplying respirators

Air-line respirator

Escape bottle (required for air-line in IDLH)

Self-contained breathing apparatus (SCBA) (allowable for IDLH)

Heat resistant components – required for firefighting

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Hearing Protection

General Rules:

- *If you have to raise your voice to talk to someone at conversation distance the noise level is near or above 85 dBA.*
- *Hearing protectors (plugs or muffs) must be provided to workers exposed to an 8-hour time-weighted average of 85 decibels or greater and worn by those who have experienced a standard threshold shift (STS) hearing loss.*
- *For work places where noise levels exceed 85 dBA as a time weighted average, a hearing conservation program must be established that meets the requirements of 29 CFR 1910.95 (c).*
- *Select appropriate hearing protectors using the formula: $((\text{Measured sound level}) - (\text{NRR} - 7))/2 \leq 90$ dBA, where the NRR is the EPA noise reduction rating of the hearing protectors.*
- *When wearing a second set of hearing protectors subtract another 5 dBA from the residual sound level.*

Department:

Location:

Work activity assessed:

Potential hazards:

Noise levels that exceed those in the table and require hearing protection (circle which applies):

| Hours of exposure | Sound level (dBA) |
|-------------------|-------------------|
| 8.0 | 90 |
| 6.0 | 92 |
| 4.0 | 95 |
| 3.0 | 97 |
| 2.0 | 100 |
| 1.5 | 102 |
| 1.0 | 105 |
| 0.5 | 110 |
| 0.25 | 115 |

- 85 dBA for 8.0-hour average (hearing protection must be offered)
- Impact Noise
- Explosive Noise
- Other: _____

Likelihood of injury without PPE:

- High
- Medium
- Low

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Severity of a potential injury without PPE:

- Possible hearing loss (<85 dBA)
- Hearing loss likely (>85 and <90 dBA)
- Severe hearing loss (>90 dBA)

PPE required:

- None
- Ear plugs (NRR-_____ -7)/2 = _____
- Ear muffs (NRR-_____ -7)/2 = _____
- Ear plugs and muffs ((NRR plugs-_____ -7) + (NRR muffs- 5 dBA))/2 = _____

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Trunk and Arm Protection

General Rules:

- *Clothing must be worn which is appropriate to the work performed, conditions encountered and must fit properly.*
- *Appropriate high temperature protective clothing must be worn by workers who are exposed to molten metals or other substances that can cause burns.*
- *Loose sleeves, ties, lapels, cuffs, or other loose clothing should not be worn near moving machinery.*
- *Rings, wristwatches, earrings, bracelets, and other jewelry which might contact power driven machinery or electric circuitry, should not be worn.*

Department:

Location:

Work activity assessed:

Potential hazards:

- Extreme temperatures
- Arc flash
- Chemical/blood splash or spray
- Hot splashes from molten metal and other hot liquids
- Impact by tools, machinery, vehicles and materials
- Other: _____

Likelihood of injury without PPE:

- High
- Medium
- Low

Severity of a potential injury without PPE:

- Minor first aid required
- Serious not life threatening
- Life threatening

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PPE required:

- None
- Sleeves
- Apron
- Vest
- Long sleeve shirt
- Lab coat
- Coat
- Coverall
- Chemical/blood resistant (State the proper material _____)
- Cut-resistant
- Flame-resistant (FR)
- Arc flash rated (Arc rating _____ cal/cm²)
- High visibility (Class _____)
- Thermal insulated
- Cooling
- Static control
- Other: _____

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Leg Protection

General Rules

- *Workers exposed to hot substances or dangerous chemical spills must wear leggings or high boots made of leather, rubber, or other suitable material.*
- *Workers who use chain saws must wear chaps or leg protectors that cover the leg from the upper thigh to mid-calf. Leg protectors must be made from material that resists cuts from the chain saw unless they are protected by the equipment they are working from.*

Department:

Location:

Work activity assessed:

Potential hazards:

- Hot substances/Arc flash
- Dangerous chemicals/blood
- Physical impact
- Sharp objects
- Cuts from chain saws
- Other: _____

Likelihood of injury without PPE:

- High
- Medium
- Low

Severity of a potential injury without PPE:

- Minor first aid required
- Serious not life threatening
- Life threatening

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PPE required:

- None
- Chaps
- Pants
- Puncture/cut resistant
- Chemical/blood resistant (State the proper material _____)
- Flame-resistant (FR)
- Arc rated (Arc rating _____ cal/cm²)
- Molten metal resistant
- High visibility (Class _____)
- Other: _____

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Fall Protection

General Rules

- *All employees, in general industry work settings must be protected from fall hazards when working on otherwise unguarded surfaces more than 4 feet above a lower level or at any height above dangerous equipment.*
- *Fall protection systems must be provided, designed, installed, and used, according to the applicable criteria established in 29 CFR 1910.140.*

Department:

Location:

Work activity assessed:

Potential hazards:

- Unguarded surfaces more than 4 feet above a lower level or any height above dangerous equipment (potential fall distance _____ ft.)
- Other: _____

Likelihood of injury without PPE:

- High
- Medium
- Low

Severity of a potential injury without PPE:

- Minor first aid required
- Serious not life threatening
- Life threatening

PPE required:

- None
- Personal fall arrest system
- Personal fall restraint system
- Other: _____