

Survey your workplace as often as necessary to identify safety and health hazards that require personal protective equipment.

Date Department Location Code

Room/Workplace # Facility/School Name Person(s) Performing Assessment

Task Being Performed

Name of Equipment and/or Chemical being used.

Manufacturer/Brand Model # Serial #

Chemical Hazard Yes No
 If YES, Identify Hazard(s)

Safety Data Sheet (SDS) Attached? Yes No
Refer to Safety Data Sheet (SDS) #4 First-Aid measures that describes the initial care that should be given by untrained responders AND #8 Exposure Controls/Personal Protection for measures that can be used to minimize worker exposure.

Physical Hazard Yes No
 If YES, Identify Hazard(s)

Operators Manual Attached? Yes No
Refer to Operator Manual for Safety Considerations and required Personal protective equipment (PPE).

Does the activity or activities create a physical hazard? (Check those that apply)

- | | |
|--|--|
| <input type="checkbox"/> Impact (falling objects, struck-by hazards) | <input type="checkbox"/> Burns (thermal, chemical) |
| <input type="checkbox"/> Puncture wound and cuts (tools, knives, nails, wire rope, sheet metal) | <input type="checkbox"/> Vibration (pneumatic tools) |
| <input type="checkbox"/> Crushing (gears, shifting loads) | <input type="checkbox"/> Dust (heavy metals, silica) |
| <input type="checkbox"/> Chemical (solvents, corrosives, paints) | <input type="checkbox"/> Light (optical) radiation (arc welding, lasers) |
| <input type="checkbox"/> Heat/Cold (welding, burning, environmental temperatures) | <input type="checkbox"/> Falling (ladders, aerial lifts, elevated area) |
| <input type="checkbox"/> Excessive noise (abrasive blasting, scaling, grinding, metal straightening) | <input type="checkbox"/> Motion (machinery, tools, conveyors) |
| <input type="checkbox"/> Electrical (light fixtures, control panels, bare wires) | |

PPE Requirements Yes No

Personal Protective Equipment (PPE) (Check those that apply)

- | | |
|--|---|
| <input type="checkbox"/> Fall protection | <input type="checkbox"/> Leg protection |
| <input type="checkbox"/> Torso protection | <input type="checkbox"/> Hand protection |
| <input type="checkbox"/> Eye and face protection | <input type="checkbox"/> Hearing protection |
| <input type="checkbox"/> Head protection | <input type="checkbox"/> Respiratory protection |
| <input type="checkbox"/> Foot protection | |

NOTE: Any PPE protection chosen above will need to be completed in depth in the following sections below.

Fall protection:

All employees performing construction work must be protected from fall hazards when working on unguarded surfaces 6 feet or more above a lower level or at any height above dangerous equipment.

Fall protection systems must be provided, installed, and used according to the criteria in 1926.502(d), Construction/Fall Protection.

All employees performing general industry work must be protected from fall hazards when working on unguarded surfaces 4 feet or more above a lower level or at any height above dangerous equipment.

Fall protection systems must be provided, installed, and used according to the criteria in 1910.28, and 1910.29, General Industry/Walking-Working Surfaces.

Potential Hazards? Unguarded surfaces more than 4 or 6 feet above a lower level or any height above dangerous equipment

Yes No

Likelihood of injury without PPE

- High
 Medium
 Low

Severity of a potential injury without PPE

- Minor first aid required
 Serious, not life threatening
 Severe - life threatening

PPE required

- Personal fall arrest system
 Personal fall restraint system
 None required

Torso protection:

Clothing that is appropriate to the work performed and conditions encountered must be worn.

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 must not be worn near moving machinery.

Clothing saturated or impregnated with flammable liquids, corrosive or toxic substances, irritants, or oxidizing agents must be removed immediately and not worn again until properly cleaned.

Rings, wristwatches, earrings, bracelets, and other jewelry that might contact power driven machinery or electric circuitry must not be worn.

Potential Hazards? (Check those that apply)

- Extreme temperatures
- Hot splashes from molten metal and other hot liquids
- Impacts from tools, machinery, and materials
- Hazardous chemicals
- Ionizing radiation

Likelihood of injury without PPE

- High
- Medium
- Low

Severity of a potential injury without PPE

- Minor first aid required
- Serious, not life threatening
- Severe - life threatening

PPE Required (Check those that apply)

- | | | |
|---|---|--|
| <input type="checkbox"/> Chemical resistant coveralls | <input type="checkbox"/> Lab coat or apron / sleeves | <input type="checkbox"/> High visibility garment |
| <input type="checkbox"/> Cut-resistant sleeves, wristlets | <input type="checkbox"/> Long sleeves / apron / coat | <input type="checkbox"/> Insulated jacket, hood |
| <input type="checkbox"/> Flame-resistant jacket / pants | <input type="checkbox"/> Static control coats / coveralls | <input type="checkbox"/> None required |

Eye and face protection:

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 have side protection when there is a hazard from flying objects. Detachable side protectors meeting ANSI Z87.1 requirements are acceptable.

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 a shade number appropriate for the work being performed.

Employees whose work exposes them to laser beams must wear laser safety goggles that protect for the wavelength of the laser.

Potential Hazards? (Check those that apply)

- Dust, dirt, metal, or wood chips from chipping, grinding, sawing, hammering, and from power tools
- Chemical splashes from corrosive substances, hot liquids, and solvents
- Objects such as tree limbs, chains, tools, and ropes that swing into the eyes or face
- Radiant energy from welding and harmful rays from lasers or other radiant light

Likelihood of injury without PPE

- High
- Medium
- Low

Severity of a potential injury without PPE

- Minor first aid required
- Serious, not life threatening
- Severe – life threatening

PPE required (Check those that apply)

- | | |
|---|--|
| <input type="checkbox"/> Chemical goggles / face shield | <input type="checkbox"/> Safety glasses w/side shields |
| <input type="checkbox"/> Chemical splash goggles | <input type="checkbox"/> Safety goggles w/face shield |
| <input type="checkbox"/> Glasses / goggles w/side shields | <input type="checkbox"/> Welding goggles |
| <input type="checkbox"/> Glasses / goggles w/face shield | <input type="checkbox"/> Welding helmet / shield w/safety glasses and side shields |
| <input type="checkbox"/> Impact goggles | <input type="checkbox"/> None required |
| <input type="checkbox"/> Leather welding hood | |

Head protection:

Employees must wear hardhats when they work where there is a potential for head injuries from falling or flying objects.

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 must wear caps or other head covering that completely covers their hair.

Potential Hazards? (Check those that apply)

- Overhead objects that could fall
- Exposed pipes or beams (less than 6.5 feet overhead)
- Energized electrical equipment

Likelihood of injury without PPE

- High
- Medium
- Low

Severity of a potential injury without PPE

- Minor first aid required
- Serious, not life threatening
- Severe – life threatening

PPE required head protection that meets ANSI Z89.1 requirements: (Check those that apply)

- | | |
|---|--|
| <input type="checkbox"/> Impact Type I | <input type="checkbox"/> Electrical Class E (electrical) |
| <input type="checkbox"/> Impact Type II | <input type="checkbox"/> Electrical Class C (conductive) |
| <input type="checkbox"/> Electrical Class G (general) | <input type="checkbox"/> None required |
-

Foot protection:

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.

Potential Hazards (Check those that apply)

- Heavy objects such as barrels or tools that might roll onto or fall on a worker's feet
- Sharp objects such as nails or spikes that could pierce the soles or uppers of ordinary shoes
- Molten metal
- Hot, wet, or slippery surfaces
- Energized electrical equipment

Likelihood of injury without PPE

- High
- Medium
- Low

Severity of a potential injury without PPE

- Minor first aid required
- Serious, not life threatening
- Severe – life threatening

PPE required (Check those that apply)

- | | |
|--|--|
| <input type="checkbox"/> Steel toe safety shoes | <input type="checkbox"/> Chemical resistant boots / covers |
| <input type="checkbox"/> Leather boots or safety shoes w/metatarsal guards | <input type="checkbox"/> Rubber boots / closed toe shoes |
| <input type="checkbox"/> Slip resistant soles | <input type="checkbox"/> Insulated boots or shoes |
| <input type="checkbox"/> Puncture resistant soles | <input type="checkbox"/> None required |
-

Leg protection:

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.

Potential Hazards?

- Hot substances
- Dangerous chemicals
- Cuts from chain saws

Likelihood of injury without PPE

- High
- Medium
- Low

Severity of a potential injury without PPE

- Minor first aid required
- Serious, not life threatening
- Severe – life threatening

PPE required

- | | |
|---|---|
| <input type="checkbox"/> Leggings or boots – penetration resistant | <input type="checkbox"/> Chaps or leg protectors – resists cuts from chain saws |
| <input type="checkbox"/> Leggings or boots – chemical resistant | <input type="checkbox"/> None required |
| <input type="checkbox"/> Leggings or boots – molten metal resistant | |
-

Hand protection:

Employees must use appropriate hand protection when their hands are exposed to harmful substances, severe cuts or lacerations, abrasions, punctures, chemical burns, thermal burns, and extreme temperatures.

Employers must 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 the hazards identified.

Employees must not wear gloves when their hands could be caught in moving parts.

Potential Hazards? (Check those that apply)

- Harmful or hazardous temperatures
- Chemicals that can be absorbed into the skin or cause burns
- Energized electrical equipment
- Mechanical equipment that can cause bruises, abrasions, cuts, punctures, fractures, or amputations

Likelihood of injury without PPE

- High
- Medium
- Low

Severity of a potential injury without PPE

- Minor first aid required
- Serious, not life threatening
- Severe – life threatening

PPE required

- | | |
|---|--|
| <input type="checkbox"/> Leather/cut resistant gloves | <input type="checkbox"/> Latex or nitrile gloves |
| <input type="checkbox"/> General-purpose work gloves | <input type="checkbox"/> Electrician's insulated rubber gloves, |
| <input type="checkbox"/> Chemical resistant gloves | <input type="checkbox"/> Cotton, leather, or anti-vibration gloves |
| <input type="checkbox"/> Insulated gloves | <input type="checkbox"/> None required |
| <input type="checkbox"/> Heat/flame resistant gloves | |
-

Hearing protection:

Hearing protectors (plugs or muffs) must be worn by workers exposed to an 8-hour time-weighted average (TWA) of 85 decibels or greater and by workers who have experienced a threshold shift.

Potential hazards Noise levels that exceed those shown in the table below are hazardous:

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

Likelihood of injury without PPE

- High
- Medium
- Low

Severity of a potential injury without PPE

- Minor first aid required
- Serious, not life threatening
- Severe – life threatening

PPE required

- Ear plugs
- Ear muffs
- None required

Respiratory protection:

Appropriate respirators are required when workers are exposed above permissible exposure limits (PEL) for specific air contaminants, listed in 1910.134, Respiratory Protection.

Potential Hazards?

- Nuisance dust/mist
- Welding fumes
- Asbestos
- Pesticides
- Paint spray

(Check those that apply)

- Organic vapors
- Acid gases
- Oxygen deficient/ toxic or IDLH atmosphere
- Isocyanates (Polymers, Building Insulation, Coatings)

Likelihood of injury without PPE

- High
- Medium
- Low

Severity of a potential injury without PPE

- Minor first aid required
- Serious, not life threatening
- Severe – life threatening

PPE required

Air-purifying respirators

- Filtering face piece (dust mask)
- Particulate-removing respirator
- Gas-and-vapor-removing respirator
- Combination aerosol filter/gas or vapor-removing respirator
- Powered air-purifying respirator

Atmosphere-supplying respirators

- Supplied-air respirator
- Self-contained breathing apparatus (SCBA)
- Combination self-contained breathing apparatus and air-line respirator
- Combination air-purifying and atmosphere-supplying respirators
- None required

*** Note: For biological hazard(s) refer to Clark County School District's Exposure Control Plan**

Safety Starts With ME At CCSD!

Please return completed document to the Risk Management Department

Completed form
submitted to Risk Management Yes No Date Sent

Method of delivery
 safety@nv.ccsd.net
 Fax 702-799-2995
 CCSD Mail

Documents
Attached?
 Yes
 No

I certify that I have conducted a Workplace Hazard Assessment to evaluate the need for personal protective equipment (PPE). The personal protective equipment noted above will be required while performing task(s) that involve identified hazard(s).

Date