

Type Protection:	Head, Eyes, Ears, Hand, Body & Skin													Electrical			Welding/Burning/			Chemical				Respiratory				Standard PPE (Minimum)											
<p>This chart indicates the <i>minimum required</i> PPE for <i>routine tasks</i> in the type environment listed. Always refer to the procedure and MSDS for PPE requirements on non-routine tasks.</p> <p>Not all situations can be covered: to produce a safe work environment, use good judgment and communicate with supervision and others involved. The possibility for multiple/simultaneous exposure to various hazards is possible. Always choose PPE that provides the highest level of protection when multiple hazards are present.</p> <p>Always perform your JSA prior to beginning work and always refer to the MSDS sheet for recommended PPE when there is a potential for hazardous chemical exposure.</p> <p>Potential Hazard, Risk, Exposure</p>	Ear Muffs	Tinted Goggles	Task Specific Gloves (Cut Resistance)	Cloth or General Purpose Gloves	Leather Gloves	Leather Gloves (Cut Resistant)	Thermal Gloves	Wrap-around Face Shield w/ Visor & Chin Guard*	Impact-resistant Face Shield**	Cotton Shirt (Short-Sleeved)	Cotton Shirt (Long-Sleeved)	Tyvek Suit/Coverall Blue (HPC)	Safety Harness w/ Lanyard	Life-line	Arc Rated Faceshield/Flash Suit Hood	Flash Suit w/ Flash Hood	Insulated/Voltage Rated Gloves	Welding Gloves	Welding Hood	Fire Resistant Shirt & Pants or Coverall	Leather Sleeves/Apron/Jacket	Chemical Gloves (Light/Medium Weight)	Chemical Gloves (Heavy Weight)	Chemical Footwear	Chemical (Green/Acid) Suit	Task Specific Respiratory Protection***	1/2 Face 3M 6000 Series	Air Ventilation	Chemical Cartridge Respirator/P100 Cartridge	Hard Hat	Safety glasses w/ side shield	Earplugs	Steel-toed Safety Footwear	Shirt	Long Pants				
	Category 2 - Two-Layers of Clothing									R						R		R			R																	R	
Category 3 - Two-layers of Clothing									R						R		R			R																		R	
Category 4 - Multi-layer Clothing									R							R	R			R																		R	
Batteries				R																																		R	
Handling				R																																		R	
Servicing				R							R																											R	
Blowing/Cleaning				R																								T										R	
Compressed Air				R																								T										R	
Steam				R																								T										R	
Water				R																								T										R	
Cutting (General) Knives & Box cutters			R	R																																		R	
Sawing					R				R																														R
Using Torch					R				R																														R
Grinding, Chipping, Drilling, Chiseling, Pullers						R			R																														R
Lubrication			T					T																															R
Handling																																							R
Servicing Equipment																																							R
Machining			T						T																														R
Pneumatic Tool Use				R																																			R
Welding, Burning, Brazing:		R									R								R	R	R																	R	
Radiant Energy											R								R	R																			R

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	Spark Shower/Molten Metal											R							R	R	R	R															R	
Mechanical Hazards					T																																R	
Sharp Edges, Pinch Points					R																																R	
Loud Noise																																					R	
High Noise Level (>105 decibels)	R																																				R	
Respiratory Risks:																											T										R	
Dust												R															R	R	R								R	
Chemical Fumes											R																							R	R			R
Oxygen Depletion													R	R																							R	
Access:														T																							R	
Scaffold														T																							R	
Ladder														T																							R	
Aerial Lift														T																							R	
General Use Cleaning Agents			T																																		R	
Splashes								R																		R												R
Hand Protection			T																																			R
Abrasion				R																																		R
Cutting						R																																R
Sharp Objects					R																																	R
Eyes																																						R
Hoists			R																																			R

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	Industrial Motorized Vehicle Use			R																																	

LEGEND:
R = Required PPE
T = Task/Material Appropriate

* Face/eye protection for hazardous substances (class 1/high heat) can either be accomplished by wearing Wrap-around faceshield with visor and chin guard in conjunction with safety glasses, OR wearing regular faceshield in conjunction with goggles. The faceshield must have the front clip secured onto the lip of the hardhat to provide a seal between the hardhat and faceshield to prevent liquid from going behind faceshield.

**For Cutting, Grinding, Chipping, Drilling, Chiseling tasks, the faceshield must cover the ears, but a visor and chin guard are not required.

*** The P100 Hepa Filter will be sufficient PPE when performing the task of Penetrant Dye Test. Half face respirator with canisters, welding /face shield, long welding sleeves and welding gloves will be sufficient PPE when performing the task of Arc or Grinding the 8283/A calciner dams.