

# Personal Protective Equipment (PPE) Matrix

## Marine Operations

This matrix shows the MINIMUM required PPE for a task. The need for any additional PPE is determined by the JSA.

Activity	PERMIT REQUIRED	Long pants	Steel toed shoes/ ANSI Z41.1 or ASTM F2413-05	Hard hat Z89.1	PFD/ USCG Type III/V	Safety Glasses Z87.1	Gloves/ ANSI 105-2005	Fall protection harness	Hearing protection/ ANSI S3.19-1974	Forced air ventilation	Additional PPE and other mitigations
Cargo loading/ unloading		X	X	X		X	X				
Chipping, Painting		X	X	X		X	X		X	X	Ventilation for painting only
Confined Space Entry- Emergency		X	X	X		X					Entrant must use SCBA, wire rope lifeline
Confined Space Entry- Permitted	X	X	X	X		X				X	Entrant must wear oxygen monitor, wire rope lifeline
Engine Room		X	X			X	X		*X*		
Galley food handling		X					X				
Grinding		X	X	X			X		X		Face Shield
JPC Platform operations		X	X	X	X	X	X	X			
Lab- Hazardous chemical handling		X	X			X	X				
Main electrical panels- external panel operation		X									Rubber mat must be in place under workers
Main electrical panels- any work requiring opening the panels	X	X				X					Rubber mat must be in place under workers
OSPHO metal treatment application		X	X			X	X				
Painting in enclosed spaces	X	X	X			X	X			X	Half face respirator with organic vapor acid gas cartridge
Working at Heights	X	X	X	X		X	X	X			
Working over water		X	X	X	X	X	X	X			
Winch operations		X	X	X		X	X		X		
Working on Back Deck (PPE area)		X	X	X	X	X	X				
Welding, Burning	X	X	X								Welding hood, Welding gloves, fire watch (NOT the welder)
impact/cut resistant gloves	chemical resistant gloves	cut resistant gloves	nitrile gloves	<b>*X* Double hearing protection required in areas above 95 decibels</b>							

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