



# SUNRISE AUTOMATION

PEOPLE FOR INNOVATION & GROWTH

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## PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment (PPE) must be provided when necessary by reason of hazards encountered that are capable of causing injury or impairment  
→PPE is not a substitute for engineering, work practice, and/or administrative controls  
→PPE creates barrier between hazard and route of entry  
→Use of PPE does not eliminate the hazard so if the equipment fails then exposure occurs

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## OSHA PPE STANDARD

>Assess the workplace to determine if hazards are present.

>Select and provide appropriate PPE that fits each affected employee.

>Train employees on how to use PPE correctly.

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## Employer Responsibilities

>Assessment Employers are required to conduct an assessment to determine the various hazards that may be present at the workplace –

>Different types of hazards include:

>Physical

>Chemical

>Electrical

>Mechanical

>Biological

>Health Hazards

## PPE SELECTION

>Protects each employee from identified hazards.

>Is of safe design and construction.

>Is sanitary and reliable.

>Provides each employee with a good fit.

>Meets BIS other applicable approval agency standard.

## PPE TRAINING REQUIREMENTS

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- >When is PPE NECESSARY.
- >What PPE is NECESSARY.
- > How to properly don, adjust and wear PPE
- > The limitations of PPE
- > The proper care & maintenance of PPE

## Employee Responsibilities

- > To attend all PPE training sessions
- > To use appropriate PPE on the job
- > Follow ALL Warnings and Precautions
- > Listen and Follow Directions
- > Maintain assigned PPE in healthy condition
- > Report any and ALL unsafe conditions you may find in your work area.

## What is personal protective Equipment?

> “Specialized clothing or equipment worn by workers for protection against health and safety hazards. Personal protective equipment, or PPE, is Designed to protect workers from serious workplace injuries or illnesses resulting from contact with chemical, radiological, physical, electrical, mechanical, or other workplace hazards.

## **LOCKOUT/TAGOUT PROCEDURES Checklist**

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- Is all machinery or equipment capable of movement required to be deenergized or disengaged and blocked or locked out during cleaning, servicing, adjusting, or setting up operations?
- If the power disconnect for equipment does not also disconnect the electrical control circuit, are the appropriate electrical enclosures identified and is a means provided to ensure that the control circuit can also be disconnected and locked out?
- Is the locking out of control circuits instead of locking out main power disconnects prohibited?
- Are all equipment control valve handles provided with a means for locking out?
- Does the lockout procedure require that stored energy (mechanical, hydraulic, air, etc.) be released or blocked before equipment is locked out for repairs?
- Are appropriate employees provided with individually keyed personal safety locks?
- Are employees required to keep personal control of their key(s) while they have safety locks in use?
- Is it required that only the employee exposed to the hazard can place or remove the safety lock?
- Is it required that employees check the safety of the lockout by attempting a startup after making sure no one is exposed?
- Are employees instructed to always push the control circuit stop button prior to re-energizing the main power.

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- Is there a means provided to identify any or all employees who are working on locked-out equipment by their locks or accompanying tags?
- Are a sufficient number of accident prevention signs or tags and safety padlocks provided for any reasonably foreseeable repair emergency?
- When machine operations, configuration, or size require an operator to leave the control station and part of the machine could move if accidentally activated, is the part required to be separately locked out or blocked?
- If equipment or lines cannot be shut down, locked out and tagged, is a safe job procedure established and rigidly followed? switch?
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