**Construction Fall Prevention Program**

**PURPOSE - 1926 Subpart M**

This is a Fall Prevention Program for Masters Electrical Services Corporation that follows the Construction Fall Prevention Standard covered under OSHA 29 CFR 1926 Sub Part M. The program assigns responsibilities for managing the program and explains how we ensure employees understand the fall hazards in our workplace through hazard recognition and employee training. It also includes a list of fall hazards in our workplace.

**SCOPE - 1926.500**

This Construction Fall Prevention Program covers the requirements in 29 CFR 1926.500 and additional fall hazards in other standards.

This Fall Prevention program assigns the responsibilities, and supplies information to employees about fall hazard identification and hazard assessment of walking-working surfaces and the personal protective equipment which may be needed to protect employees. The Program covers the following:

**A. Program Administration**

**B.  Program Specific Elements**

1. **General**
2. **Duty to have Fall Protection**
3. **Fall Protection Systems**
4. **Personal Fall Protection Systems**
5. **Rescue**
6. **Inspections**

**C.  Information and Training**

**D.  Program Evaluation & Updates**

**Attachments(s)**

**A. PROGRAM ADMINSTRATION AND RESPONSIBILITIES**

The President / Vice President coordinates the Fall Prevention program for Masters Electrical Services Corporation, and coordinates implementing the program. The President / Vice President enforces the requirements and components of this program including training, records maintenance, program reviews and updates, and provides recommendations for fall prevention and fall arrest systems.

Supervisors implement the program in specific work areas and ensure employees follow the program and the training they receive. President / Vice President ensures only authorized employees use Personal Fall Arrest Systems (PFAS).

The President / Vice President coordinates the program and may assign program duties to proper personnel. The following personnel have specific responsibilities for administering aspects of this program:

1. President is the Fall Prevention Coordinator
2. Vice President is the Competent person.

The Masters Electrical Services Corporation Fall Prevention Program, identifies all fall hazards at the job location, types of fall protection equipment available, maintenance of fall protection equipment, and training on specific fall protection equipment available to all employees at 3140 N Bender Ave New Franklin Ohio 44319.

**B.**  **PROGRAM SPECIFIC ELEMENTS**

1. **General 1926.501(a) \*Attachment A**

The President / Vice President at Masters Electrical Services Corporation conducts a pre-job fall hazard assessments of construction site surfaces or operations where fall hazards are present. This fall hazards assessment is documented on the Fall Prevention Inspection form (see attachment A). The assessment includes all surfaces and tasks to address properly maintained, proper use, inspection of fall hazard prevention methods.

1. Where employees are working at elevated locations when not protected by a passive fall protection system such as but not limited to a guardrail system, the hierarchy of control is used, addressing the hazard before issuing PFAS. The methods listed below are in decreasing order of preference:
   1. Prevent or eliminate exposure
   2. Passive fall protection (guardrail system)
   3. Fall Restraint Systems
   4. Fall Arrest Systems
   5. Administrative Systems (warning lines/safety monitors)
2. All walking working surfaces are kept clean, dry (where possible) and free from hazards. The walking working surfaces have the strength and integrity to support the intended load applied and guardrails or covers are used to protect employees from the hazards of falling.
3. **Duty to have Fall Protection 1926.501**

Masters Electrical Services Corporation protects all employees from exposure to fall hazards from heights at or above 6 feet, from falling object hazards, and falls from less than 6 feet over dangerous equipment.

1. The elimination of employee exposure to fall hazards is always Masters Electrical Services Corporation first step to address hazards identified on the Fall Prevention Inspection Form.

1. **Fall Protection Systems 1926.502**

At Masters Electrical Services Corporation all employees who work at heights at or above 6 ft are protected by using passive fall protection systems such as but not limited to a guardrail system and covers. When the use of a guardrail system and covers are infeasible, alternative fall protection are used.

1. The fall protection systems selected by the President / Vice President shall conform to OSHA criteria requirements in 1926.501, and American National Standards Institute/American Society of Safety Professionals (ANSI/ASSP) Z359 Fall Protection.

1. **Personal Fall arrest systems/types of equipment**

Employees who are not protected by passive fall protection system must not perform any work duties at height unless a proper PFAS combination as described below is in place and the employee is a trained Authorized employee on PFAS as required and documented in section C of this program.

1. **Fall Restraint Systems**

Where workers must work on an elevated working surface while exposed to fall hazards and a guardrail system isn’t feasible, a fall restraint system may be considered, if appropriate. A fall restraint system is arranged to not allow the worker to reach the edge where a fall is possible. Fall restraint systems require:

1. A Competent person to assess the work area to ensure that a fall restraint system is feasible and to assist the worker in designating a suitable anchorage (anchor point) and system components.
2. A connecting lanyard that is adjusted to a length that will not allow the worker to reach the edge where a free fall is possible.
3. A full-body harness.
4. An anchor system that is rated to at least 3000 lbs. for standard restraint system.

1. **Personal Fall Arrest Systems (PFAS)**  **\*Attachment B**

Personal Fall Arrest Systems (PFAS) are designed to protect workers during a fall. PFAS employ the use of a full-body harness, a connecting lanyard, and a suitable anchor point.

1. All fall protection equipment must meet applicable ANSI and OSHA standards.
2. The anchor point must be capable of supporting at least 5000 lbs. for each employee attached.
3. The fall arrest system is rigged such that an employee can neither free fall more than 6 feet, nor contact any lower level.
4. The anchor point should be overhead and as close as possible to reduce fall arresting forces in the event a fall should occur.
5. Avoid anchor points where a fall may result in a pendulum motion that could cause serious injury.
6. All fall protection equipment is inspected and used as per the manufacturer.

1. **Rescue Plan \*Attachment C.1 and C.2**

Masters Electrical Services Corporation has a Rescue Plan (Attachment C.1) when workers are working at heights utilizing the components of a personal fall arrest system (PFAS). Rescue procedures provide Authorized Rescuers with the knowledge and skills to make a prompt rescue of a fallen worker. To prevent worker injury or potential for any further or secondary injury our Authorized Rescuers make prompt contact with a fallen worker after a fall event.

The Competent Rescuer makes a visual fall hazard assessment of the work area and task to be performed prior to any working at height task that require workers to wear a PFAS. The information gathered in the assessment is used to complete a Rescue Planning Worksheet (Attachment C.2) which identifies the rescue team and proposed rescue methods.

1. **Inspections (Reference PFAS guidance from manufacture.)**

Masters Electrical Services Corporation follows the fall protection equipment manufacturer’s instructions and training protocols for equipment maintenance, cleaning, and storage. Employees inspect their personal fall arrest systems prior to each use for mildew, wear, damage, and other deterioration. We immediately remove any defective fall arrest system components.

**C.** **INFORMATION AND TRAINING – 1926.50 \*Attachment D**

**Training 1926.50**

All Authorized employees at Masters Electrical Services Corporation who use PFAS complete training for personal fall protection systems provided by a qualified instructor. Such training occurs prior to working in a location where employees are exposed to a fall hazard and when not protected by a guardrail. The President / Vice President or Trainer documents all training and maintains sign-in sheets.

**Authorized Employee training includes:**

1. The nature of the fall hazards in the work area, how to recognize them, and the procedures followed to minimize those hazards.
2. The correct procedures for installing, inspecting, operating, maintaining, and disassembling the personal fall protection systems that the employee uses.
3. The correct use of personal fall protection systems and equipment identified in the “Fall Prevention Inspection Form”, including, but not limited to, proper hook-up, anchoring, and tie-off techniques, and methods of equipment inspection and storage, as specified by the manufacturer.
4. Authorized employees demonstrate their competence on all PFAS they will be issued.
5. Employees are retrained on use of personal fall protection systems under but not limited to the following situations:
6. When the employer has reason to believe the employee does not have the understanding and skill required to use the personal fall protection systems.
7. When changes in the workplace make previous training obsolete or inadequate.
8. When changes in the types of fall protection systems or equipment make earlier training obsolete or inadequate.
9. When inadequacies in an affected employee's knowledge or use of fall protection systems or equipment show that the employee no longer has the requisite understanding or skill necessary to use equipment or perform the job safely.

**D.** **PROGRAM EVALUATION AND UPDATES**

Masters Electrical Services Corporation conducts annually written reviews of the Fall Prevention Program for compliance with federal regulations and our internal requirements to assure quality and effectiveness.

This review includes:

1. Employee awareness of fall hazards at Masters Electrical Services Corporation location(s).
2. Personal Fall Arrest systems and equipment in use at Masters Electrical Services Corporation location(s).
3. Employee knowledge of how to properly use personal fall arrest systems.
4. Corrective actions and updates to this program.
5. Updates to program attachments.

The President / Vice President keeps the findings of the review and the plans to correct deficiencies in the program.

**ATTACHMENTS**

Included here are forms, definitions, inventory, logs, maps, training documents, policy review signoffs, action plans, sample docs, corrective action, etc.

Attachment A - Fall Prevention Inspection Form

Attachment B - Quick Tip for Personal Fall Arrest Systems

Attachment C.1 - Rescue Plan

Attachment C.2 - Rescue Planning Worksheet

Attachment D - Training Sign-in Sheet

Definitions

Additional Resources