

## **Bradbury Stamm Construction – Safety Directive**

**Safety Directive # 008-01**

**Original Issue Date: 12/5/2000**

**Revision Date: 11/01/2022**

### **STEEL ERECTION SAFETY PRACTICES**

#### **Purpose**

1. To prevent injury to employees, damage to property, equipment and structures during steel erection activities, structural steel work and steel decking installation.
2. To comply with the Subpart R Steel Erection Standard.

#### **Hazards**

This policy is designed to:

- prevent collapse of steel structures on concrete of insufficient strength;
- protect all jobsite employees from falling objects; and
- provide fall protection for all employees engaged in steel erection activities

#### **Policy**

1. During steel erection activities, employees must be provided with and wear fall protection equipment and be provided with a means of fall protection when working at or anticipating working at elevations greater than 6 feet above the next lower surface.
2. Employees using personal fall arrest equipment engaged in the initial connection of beams and girders to columns shall be tied-off when the fall hazard is greater than 12 feet.
3. During miscellaneous steel erection operations an appropriate means of fall protection shall be provided at all roof, floor, and wall openings 6 feet above the next lower surface. Fall protection may consist of guardrails, nets, scaffolds, control lines or harnesses and lanyards connected to suitable anchorage points.
4. When using personal fall protection equipment employees shall always be protected from falling. (Employees are not allowed to disconnect from an anchor point before connecting to another anchor point.)
5. Employees connecting beams and girders to columns shall install a minimum of two (2) bolts at each connection and spud wrench tighten before moving to the next connection.
6. During leading edge deck operations, an appropriate means of fall protection shall be provided at elevations exceeding 6 feet above the next lower surface. Decking will be installed in a manner such that all holes and gaps are covered by continuous decking or temporary covers marked "hole" as the leading edge proceeds or stanchions and guardrails will be erected before the decking continues. Control lines shall be installed a minimum of 6 feet from the leading edge.

7. In combination, lifeline, harness and lanyard shall provide for a maximum fall distance of no more than 6 feet.
8. Lifelines, static lines and other means of tying off rigged to arrest a fall shall be capable of supporting a minimum dead load of 5000 pounds.
9. Taglines will be connected on all hoisted loads where employees are required to guide, direct or receive a hoisted load and when employees are exposed to the swing of the load. If the steel erector supervisor can demonstrate the use taglines cause a greater hazard or the employee(s) can safely receive and control the load without taglines, then taglines are not required.
10. Employees will tie off to the basket of aerial lifts having the employee platform outside the wheels.
11. As of January 18, 2002, all Bradbury Stamm Construction field managers, subcontractors and employees engaged in steel erection activities shall comply with OSHA Subpart R Steel Erection Standard.

### **Enforcement**

It is the role of Bradbury Stamm superintendents and foremen to ensure the subcontractor and his/her employees follow this policy. If a subcontractor refuses to comply, document in your Daily Log and notify your project manager and the BSC Safety Director or President. Failure of BSC superintendents and foremen to enforce this policy may result in disciplinary action as stipulated in the violations section of the BSC Safety Passport™.

Violations will be logged in each employees Bradbury Stamm Subcontractor Safety Passport™ and appropriate penalties enforced.