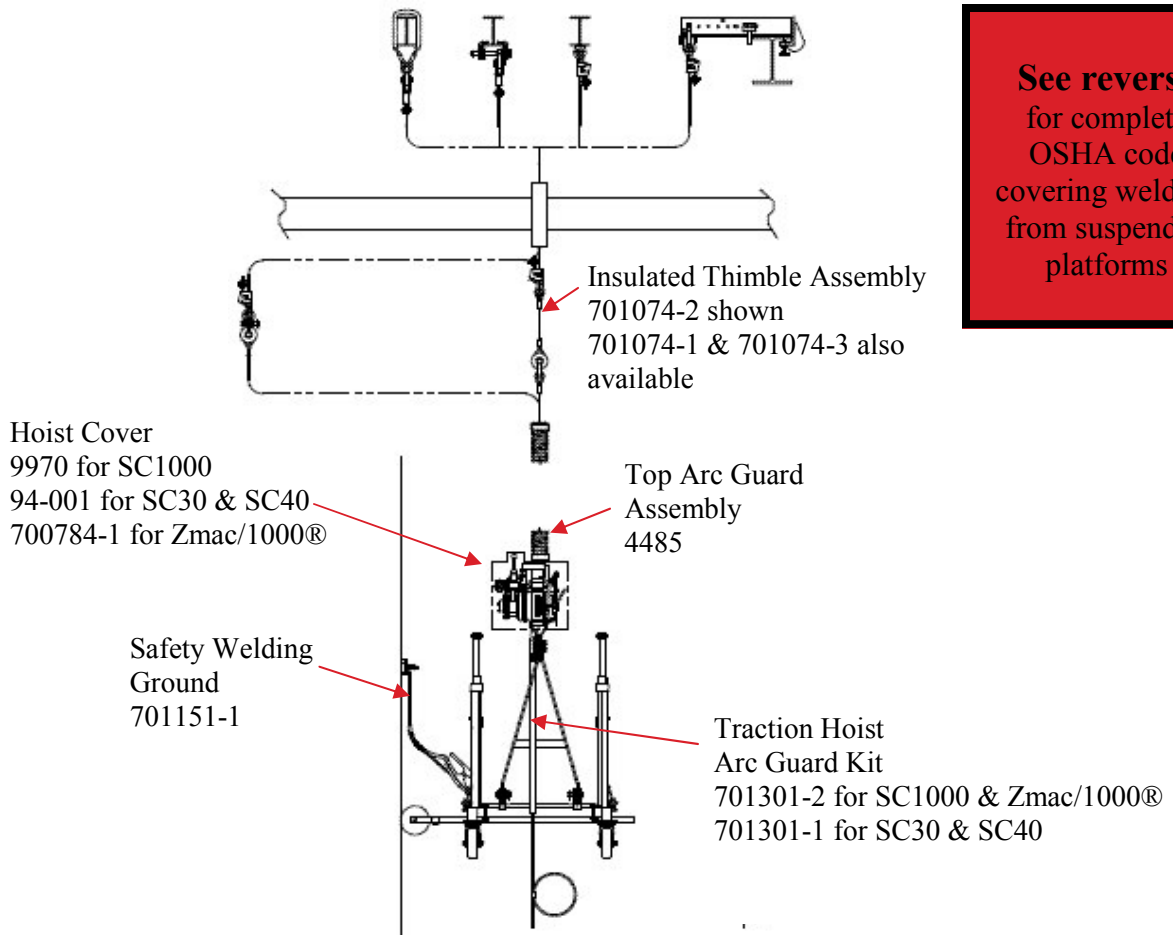


Traction Hoist Welding Protection



Spider pioneered welding protection before it was the law. Today, only Spider offers the complete solution for code-compliant welding for suspended platforms.



See reverse
for complete
OSHA code
covering welding
from suspended
platforms



Hoist Cover
9970, 94-001 &
700784-1



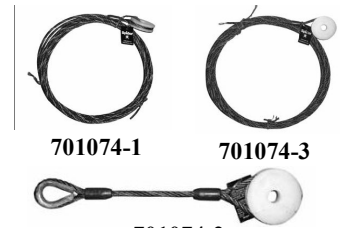
**Safety Welding
Ground**
701151-1



**Top Arc Guard
Assembly**
4485



**Traction Hoist
Arc Guard Kit**
701301-1 & -2



701074-1

701074-3

701074-2

Insulated Thimbles

Traction Hoist Welding Protection

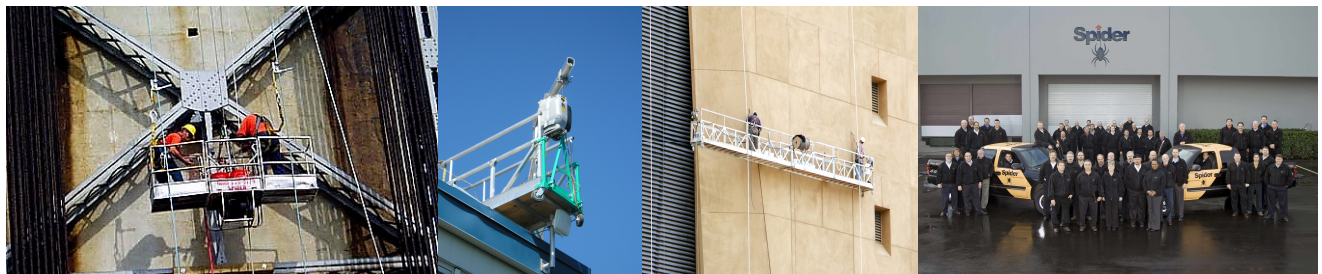


OSHA Standard 29 CFR § 1926.451 (f) (17)

“(17) To reduce the possibility of welding current arcing through the suspension wire rope when performing welding from suspended scaffolds, the following precautions shall be taken, as applicable:

- (i) An insulated thimble shall be used to attach each suspension wire rope to its hanging support (such as cornice hook or outrigger). Excess suspension wire rope and any additional independent lines from grounding shall be insulated;
- (ii) The suspension wire rope shall be covered with insulating material extending at least 4 feet (1.2m) above the hoist. If there is a tail line below the hoist, it shall be insulated to prevent contact with the platform. The portion of the tail line that hangs free below the scaffold shall be guided or retained, or both, so that it does not become grounded;
- (iii) Each hoist shall be covered with insulated protective covers;
- (iv) In addition to a work lead attachment required by the welding process, a grounding conductor shall be connected from the scaffold to the structure. The size of this conductor shall be at least the size of the welding process work lead, and this conductor shall not be in series with the welding process or the work piece;
- (v) If the scaffold grounding lead is disconnected at any time, the welding machine shall be shut off; and
- (vi) An active welding rod or uninsulated welding lead shall not be allowed to contact the scaffold or its suspension system.”

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