

**SMOHIT – Life of a Duct
Duct Fabrication and Duct Installation
Key OSHA Search Terms**

Search the following terms on the OSHA website (www.osha.gov) for more information on each topic.

Duct Fabrication

Step 1 - Receiving Coil

search the terms *Signal Person, Forklifts, PPE, Cranes, Safeguarding Equipment, and Ergonomics*

Step 2 - Loading Coil Line

search the terms *Hand and Power Tools, Equipment Use, Signal Person, Forklifts, PPE, Cranes, Hoisting and Rigging, Safeguarding Equipment, Machine Guarding, and Housekeeping*

Step 3 - Coil Fed Plasma

search the terms *Equipment Use, PPE, Housekeeping, Welding, Cutting, and Brazing, and Ergonomics* for more information

Step 4 - Beads, Snaplocks, and TDC Connections

search the terms *Equipment Use, Safeguarding Equipment, PPE, Housekeeping, Welding, Cutting and Brazing, and Ergonomics*

Step 5 - 90 Degree Duct Brake

search the terms *Point of Operation Guarding for Power Presses, Equipment Use, Safeguarding Equipment, PPE, Housekeeping, Ergonomics, Welding, Cutting and Brazing, and Flammable Liquids*

Step 6 - Joining, Finishing and Sealing

search the terms *PPE, Hand and Power Tools, Housekeeping, Ergonomics, Welding, Material Handling and Storage, Cutting and Brazing, Ventilation, and Vapors*

Step 7 - Assembling

search the terms *PPE, Hand and Power Tools, Welding, Cutting and Brazing, Housekeeping, Ergonomics, Vapors, Ventilation, Material Handling and Storage, Loading Docks, Dock Plates, and Guardrails*

Step 8 - Bundling and Staging for Shipment

search the terms *PPE, Forklifts, Housekeeping, Material Handling and Storage, Loading Docks, Loading and Unloading, and Guardrails*

Duct Installation

Step 1 - Materials Handling

search the terms *Signal Person, PPE, Fall Protection, Guardrail Systems, Walking-Working Surfaces, Openings and Edges, Materials Handling and Storage, and Ergonomics*

Step 2 - Preparing to Work at Heights

search the terms *PPE, Fall Protection, Power Tools, Scissor Lifts, and Walking-Working Surfaces*

Step 3 - Hanger Installation

search the terms *PPE, Fall Protection, Hand and Power Tools, Scissor Lifts, Walking-Working Surfaces, and Ergonomics*

Step 4 - Loading the Duct Lift

search the terms *PPE, Material Hoists, Housekeeping, Materials Handling and Storage, and Ergonomics*

Step 5 - Installing a VAV Box

search the terms *PPE, Fall Protection, Scissor Lifts, Material Hoists, Power Tools, Housekeeping, Materials Handling and Storage, Sealants, Vapors, Ventilation, and Ergonomics*

Step 6 - Insulating the Duct

search the terms *PPE, Portable Ladders, Hand Tools, and Housekeeping*