





Soft Tissue Injury Prevention Tool

Tip S	Sheets Trade:	Electrical	-			
	Job Task:	Conduit - Inst	1	Overhead Conduit		
General Tasks				Common Tools		
	Measure length of conduit for of Measure conduit on ground an hacksaw or portable ban saw. Bend conduit as necessary usi mechanical conduit bender. Fit conduit to ceiling location ar necessary. Rotohammer ceiling insulation through insulation. The conduit through on some occasions. Attach conduit to ceiling using for concrete nails with air-nailer.	d cut using ng manual or nd modify as and run conduit t must be forced	A A A A A A A A A	Scissor Lift or Ladde Rotohammer Air Nailer (7-9 lbs) Compressor Hack Saw Portable Ban Saw Mechanical or Manu Hammer Tool Belt		
Potential Risk Factors			Possible Solutions Awkward Posture and Vibration Solutions:			
Musculo Re and • • • Hit •	ctors can lead to increased risk for Work iskeletal Disorders (WMSD's) petitive Working With Hands/A d Elbows Above Shoulders Moderate Risk with frequent over extended periods when measure using rotohammer to drill insular fastening conduit using air-nailed ontinuous Squatting Moderate Risk with frequent so working at ground level to mear bend conduit for extended perior gh Hand Grip Force Moderate Risk with frequent here a variety of tools/materials inclu- conduit, rotohammer, air-nailer conduit bender for extended perior gh Hand/Arm and Whole Body Moderate Risk may require freed rotohammer to drill through ins- install conduit.	Arms Overhead verhead work for ring ceiling, ation, and er. uatting when sure, cut and ods. eavy gripping of uding hack saw, , and manual eriods of time. Vibrations quent use of	Potei	Use saw horses to ra promote upright wor Use mechanical con jobs. Use portable mecha large repetitive jobs. Use a scissor lift for ladder-climbing requite to minimize overhea hands above the sho ladder climbing and equipment can incre excessive physical of Use non-slip anti-vib handle and body of a strength requiremen Utilize pocket hand whands particularly wite the rotohammer in contial Benefits Increases productivi Increases blood flow	aise work off of ground and k postures. aduit benders for large repetitive unical ban saw to cut conduit for large repetitive jobs to reduce uirements and improve positioning d work requirements with the pulders. Eliminating excessive frequent retrieval of tools and ease work efficiency and minimize demands. bration grip kit material to pad rotohammer tool to reduce grip ts and vibration exposure. warmers to intermittently warm the hen using vibrating tools such as old damp weather. ty. y and reduce muscle tension. and and arm muscles.	
Feasil	bility Engineer Control Anti-vibration gloves-Est cost Engineer Control Grip Tool Wrap – Est. cost \$22 Administrative Control Work Practice Control		The			