


Job Title:		Pneumatically Powered Tools		Operations Approval (Name; Position):	
JHA Developed By (Name; Position):					
JHA Revised By (Name; Position):				HSE Approval (Name; Position):	
JHA Revision Date:				Dean Neuburger, Director, OHS&E	
Job Steps		Potential Hazards	Risk Rating (Before Controls)	Hazard Controls	Risk Rating (After Controls)
1	Tool Selection.	<ol style="list-style-type: none"> <li>1. Selecting the wrong tool for the task.</li> <li>2. Defective tools.</li> <li>3. Pinch points when handling the tools.</li> <li>4. Musculoskeletal injuries (MSI).</li> </ol>	C4	<ol style="list-style-type: none"> <li>1. Select the appropriate tool for the task based on the intention of the tool's manufacturer and SWP requirements. Ensure you are trained and have displayed competence in the use of the selected tool. Refer to manufacturer's instructions on the proper use of the tool.</li> <li>2. Ensure there are not tags on the tool indicating a defect in its safe operation.</li> <li>3. Ensure proper hand and body positioning when picking up tools. Ensure proper housekeeping of tool storage areas.</li> <li>4. Stretch and flex before and during work. Avoid awkward body position.</li> </ol>	C5
2	Pre-use Inspection of tools.	<ol style="list-style-type: none"> <li>1. MSI.</li> <li>2. Cuts and lacerations.</li> <li>3. Inadequate inspection.</li> <li>4. Pinch points when handling the tools.</li> </ol>	C4	<ol style="list-style-type: none"> <li>1. Stretch and flex before and during work. Avoid awkward body position.</li> <li>2. Appropriate gloves to be worn at all times, even before actual work has begun.</li> <li>3. Inspections should be conducted by a worker who has displayed competence in the inspection and use of the tool. Refer to manufacturer's instructions on pre-use inspections</li> <li>4. Ensure proper hand positioning when picking up tools.</li> </ol>	C5
3	Lubrication of the Tool.	<ol style="list-style-type: none"> <li>1. Tool Oil in the eyes.</li> <li>2. Pinch Points</li> <li>3. Over oiling, resulting in oils splatter on user or materials.</li> <li>4. Spilling of oil.</li> <li>5. Accidental discharge of the tool.</li> </ol>	C4	<ol style="list-style-type: none"> <li>1. Always hold the tool below chest level when oiling. Wear sealed safety glasses.</li> <li>2. Be aware of hand and body positioning as well as others around you.</li> <li>3. Familiarize yourself with the manufacturers manual and intended oiling amounts. Ensure the tool is meant to be oiled based on manufacturer's recommendation.</li> <li>4. Always clean up any spills before leaving the area.</li> <li>5. Always disconnect the air supply when oiling.</li> </ol>	C5

4	Loading Fasteners.	<ol style="list-style-type: none"> <li>1. Cuts and punctures from fasteners.</li> <li>2. Improper loading of fasteners.</li> <li>3. Accidental discharge while loading</li> </ol>	C4	<ol style="list-style-type: none"> <li>1. Appropriate gloves to be worn at all times, even before actual work has begun.</li> <li>2. Only fasteners intended for the tool being loaded are to be used. Confirm the angle of stick collated nails match the angle of the tool.</li> <li>3. Never have the trigger depressed unless you are planning to discharge the tool. Disconnect the air supply when reloading as per manufacturer's recommendation.</li> </ol>	C5
5	Connecting or Disconnecting Pressurized Air Lines.	<ol style="list-style-type: none"> <li>1. Pinch Points.</li> <li>2. Cuts, scrapes, and lacerations.</li> <li>3. Accidental engagement of the tool.</li> <li>4. Flying debris when pressurized air is released.</li> <li>5. Struck by disconnected airline.</li> <li>6. Incorrect air pressure.</li> </ol>	C3	<ol style="list-style-type: none"> <li>1. Be aware of hand and body positioning. Ensure competence in the manipulation of the pressurized fittings.</li> <li>2. Gloves appropriate to the task must be worn at all times.</li> <li>3. Never have fingers on or near the trigger until you are ready for intentional use of the tool. Always keep the tool aimed away for yourself and others.</li> <li>4. Always aim the air inlet away from yourself and others when connecting or disconnecting the tool. Hold the tool below chest level.</li> <li>5. Maintain control of both the tool and the airline when disconnecting by using 2 hands to connect and disconnect.</li> <li>6. Confirm with the manufacturers' specifications on the recommended pressure rating for the tool being used.</li> </ol>	C5

6	Engaging the Tool.	<ol style="list-style-type: none"> <li>1. Misfire or double fire.</li> <li>2. Noise levels.</li> <li>3. Pinch Points.</li> <li>4. Line of Fire; struck by ricocheting or blown out fastener.</li> <li>5. Flying debris.</li> <li>6. Tool becoming damaged or defective while in use</li> <li>7. Musculoskeletal injuries (MSI) and Repetitive Strain Injuries (RSI)</li> </ol>	C3	<ol style="list-style-type: none"> <li>1. Only use the tool s as directed, and only use the fasteners intended for the tool.</li> <li>2. Appropriate hearing protection is to be used.</li> <li>3. Only the hand operating the tool should be on the tool while it is in use.</li> <li>4. When using pneumatic fasteners, never place yourself or others in the Line of Fire. Communicate with others so they are aware of your work zone. Face shield used; based on tool selection.</li> <li>5. Always rotate the exhaust port away from the user as well as away from areas of debris. Always wear sealed safety glasses.</li> <li>6. All tools found to be defective must be immediately tagged out. The tool must remain in the control of a competent worker until the tag is applied.</li> <li>7. Ensure frequent breaks are taken to reduce the tension or strain on the hands when using tool. Extra padding on gloves will reduce the vibration to the hand / limbs. Stretch limbs / hands prior to use of tools.</li> </ol>	C5
7	Performing Standard Tool Adjustments.	<ol style="list-style-type: none"> <li>1. Pinch Points.</li> <li>2. Accidental engagement of the tool.</li> </ol>	C4	<ol style="list-style-type: none"> <li>1. Be aware of hand and body positioning.</li> <li>2. Never have fingers on or near the trigger until you are ready for intentional use of the tool. Always keep the tool aimed away for yourself and others. Disconnection of the air supply is recommended.</li> </ol>	C5
Highest Task Risk Rating			C3 (Med)	Highest Task Risk Rating	C5(low)

Probability	Severity						
			Catastrophic	Major	Moderate	Minor	Insignificant
			Death or multiple life-threatening principals	Life threatening injury or multiple serious injuries causing hospitalization	Significant serious injury Non-permanent injury	Medical Help needed, Treatment by medical professional	Injuries or ailments not requiring medical treatment
			1	2	3	4	5
	A	Almost Certain: Almost certain to occur in most circumstances	1	1	1	2	2
	B	Likely: Likely to occur frequently	1	1	2	2	2
	C	Possible: Possible and likely to occur at some time	1	2	2	2	3
D	Remotely Possible: May occur in rare and exceptional circumstances	2	2	2	3	3	

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