

Santa Barbara City Fire Department - Standard Operating Procedures <b>Apparatus and Equipment Operations</b>	Code: <b>A-VIII-2</b>
<b>Air Chisels</b>	
Chpt: VIII Pneumatic Equipment	Revised: 2/15/12 Pages: 2

## **I. SAFETY**

- A. Don't dry fire blade, blade must be up against something before use
- B. Don't point gun at yourself during use, always work away from the body
- C. Wear full PPE and eye protection at all times
- D. Check tightness of collar and retainer throughout operation

## **II. APPLICATIONS**

- A. Cutting sheet metal around roofs, door and trunk locks
- B. Cutting posts

## **III. SET-UP**

- A. Connect regulator to bottle using wrench to avoid air leaks
- B. Connect hose to regulator
- C. Pour about one teaspoonful of oil into air inlet of gun prior to connecting hose.
- D. Connect hose to gun
- E. To change blade:
  - 1. Pull collar back and remove old blade and insert new blade
  - 2. Pull on new blade to confirm it is secure
  - 3. You may have to twist the blade to get it to lock in.
- F. Turn on bottle and check for leaks

## **IV. OPERATION**

- A. Proper operating pressure is between 90-110 psi. \*Note: For heavier metals, air pressure can be increased to approximately 200 psi if needed, but avoid prolonged use higher than 110 psi.
- B. Adjust pressure at regulator

## Air Chisels

- C. When cutting roofs, cut as close to the edge as possible where steel is more rigid.
- D. Never fire without the blade against an object.



tools.

Refer to the “Tool Manuals” binders at station 1 for more information about these