

**1. Procedure summary**

This procedure describes how to Band hoses to camlocks for pumps.

**1.1. Related Procedures**

Lock out tag out procedure

**1.2. Procedure impacts and concerns****Safety**

Required PPE: safety glasses, long sleeve shirt,  
Wear appropriate gloves for handling steel,  
And steel toe shoes.  
When applying clamps, care should be taken to insure fingers  
are not in contact with the clamp during installation.  
Never attempt to clamp objects which have the potential to  
burst, shatter or otherwise cause bodily harm.  
Do not use tool on live electrical sources.

**Quality**

Clean up and dispose of used material in the proper  
container. Clean area where work was performed. All used  
material is being stored in the proper containers. All PPE is  
being cleaned and put away.

**Cost**

Increase the efficiency of your labor force. Faster installs  
allows for more work to get done within your plant. No  
specialized certification is needed to install clamps. Replacing  
failing shields year after year is a major cost. Eliminate shield  
replacement costs by keeping your shields on tight and  
lasting the first time!

**Compliance**

Elimination of Hose Failures that cause algae spills and  
Increased Safety

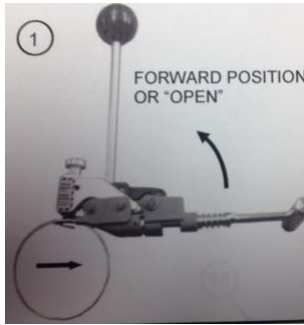
**1.3. Responsibilities and owners**

Document Owner	Manage content and distribution	Carlos Apodaca
Process Owner	Responsible for content and process validation	Gil Jones
Site Manager	Responsible for implementation and conformance	Rebecca White

**2. Process****2.1. Process description**

Banding of hoses to camlocks

**2.2. Process steps**

**1. LOAD CLAMP**

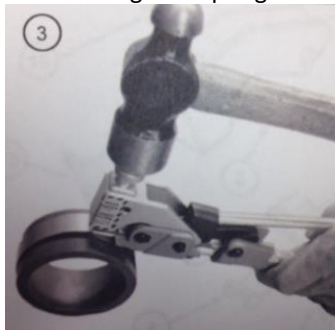
Push tension handle all the way forward. Insert BAND-IT Center Punch clamp tail and push all the way into tool.

**2. TIGHTEN CLAMP**

Tighten the clamp with short downward strokes. Tension handle should be in down position at completion of tightening clamp.

*Note: Do not lift tension handle too high as it may open up buckle pusher, resulting in improper clamp application.*

If clamp tension needs to be released before locking, move handle forward and move slide back against spring. This raises pulling dog and releases clamp tension.

**LOCK CLAMP****3.** Holding tension handle down, lock clamp by hitting punch at least twice with 2 lb. Mallet.

**Note:** Only use genuine BAND-IT Center Punch clamps. Disregarding this may result in substandard clamps or tool failure. BAND-IT CP clamps are made out of Type 201 Stainless Steel or Galvanized Carbon Steel material with a stainless steel buckle for added strength.



**4. REMOVE CLAMP TAIL**

Hold work-piece and pivot the tool back and forth to break off clamp tail. Remove tail from tool by operating tension handle. When tail has moved through holding dog, raise tension handle and pull tail free.

**3. Required documents**

**3.1. Input documents**

<Input document and storage instructions>

<Input document number>

**3.2. Output documents**

<Output document and storage instructions>

<Output document number>

**4. Document control**

**4.1. Revision history**

R0 – Initial Release – <Editor name>	<Date>
R1 – <Editor name>	<Date>

**4.2. Document approval**

<Name>

<Approval date>

**4.3. Document reviewers**

<Name>

<Last reviewed date>

<Name>

<Last reviewed date>

**5. Risk analysis**

<Risk name>

<Mitigation plan>

<Owner>

<RPN>