



SPH Safety Pipe Hook inspection



Visual inspection

- Check for wear
- Deformation
- Cracks or sharp nicks
- Modification
- Proper function including spring and handle

Inspection of fittings for deformation

- Any significant Permanent deformation or change in shape indicates that the safety pipe hook has been overloaded and must be removed from service.

Deformation...continued

- The throat openings should not be larger than is indicated on the spec. information provided.
- Any increase of these respective measurements indicates that the hook should be taken out of service.

Recommended procedure and specs

<u>Models:</u> <u>**S.W.L. (tip):</u>	<u>Mouth Opening:</u>	<u>Throat Opening:</u>	<u>**S.W.L. (throat):</u>	
• SPH-03 1450 lbs.	1 11/16"	1 1/16"	5000 lbs.	
• SPH-04 2000 lbs.	2 1/8"	1 1/8"	7500 lbs.	
• SPH-05 lbs.	2 1/2"	1 1/2"	14000 lbs.	4000
• *DTP-002 4000 lbs.	2 1/8"	2 1/8"	14000 lbs.	
• *DTP-002N 4000 lbs.	2 1/8"	2 1/8"	14000 lbs.	

SPH-05 SPH-04 SPH-03



DTP-002



DTP-002N



Recommended procedure and specs. (cont.)

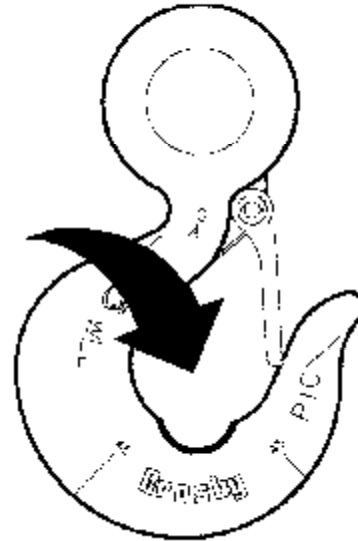
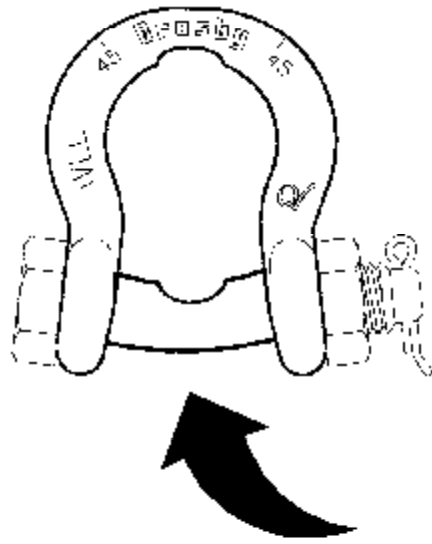
- RECOMMENDED SLING ANGLE 45 DEG. OR LESS
- BILLY PUGH CO. PIPE HOOKS FEATURE A SPRING LOADED JAW TO HOLD HOOK SECURELY IN PLACE AFTER CREWMAN HAS ATTACHED HOOK TO PIPE/CASING. THIS ELIMINATES THE NEED TO HOLD HOOK TO PIPE WHILE SLACK IS REMOVED.
- BILLY PUGH CO. SAFETY PIPE HOOKS WORK EQUALLY WELL FOR PRE-SLUNG LOADS OF CASING.
- AFTER CASING IS SEPARATED & UNLOADED ON DECK THESE HOOKS PROVIDE AN EXCELLENT METHOD OF MOVING SINGLE JOINTS AROUND RIG.
- DESIGN FACTOR OF 6 TO 1
- * DTP hooks-DESIGNED FOR USE WITH THREAD PROTECTORS STILL ON CASING

Recommended procedure (cont.)

- 1. When using a safety pipe hook the employee shall visually inspect prior to use and also to ensure that the hook latch and assembly are working properly before lifting the load.
- 2. Double check the weight of the load and make sure that the Safety pipe hooks combined safe working load exceeds the weight of the pipe.
- 3. Inspect all safety pipe hooks immediately and remove from service all hooks that have a gap larger than the throat openings indicated.
- 4. Include all safety pipe hooks in the rigs lifting gear register and ensure all lifting appliances are inspected in accordance with recommendations.
- 5. A copy of the attached inspection data sheet showing maximum allowable clearance for safety hooks shall be available on board the rig.
- 6. Existing Safety Pipe Hooks currently in use be replaced as they become unserviceable.

- The following information from Crosby is applicable to our Safety Pipe Hooks as well.

INSPECTION OF FITTINGS WEAR



NO MORE THAN 10% WEAR IN MOST AREAS OF ANY SECTIONAL DIMENSION, MEASURE BY COMPARING TO A SECTION OF FITTING THAT HAS NO WEAR, OR TO THE CATALOG DIMENSIONS

MAKE SURE IDENTIFICATION IS LEGIBLE

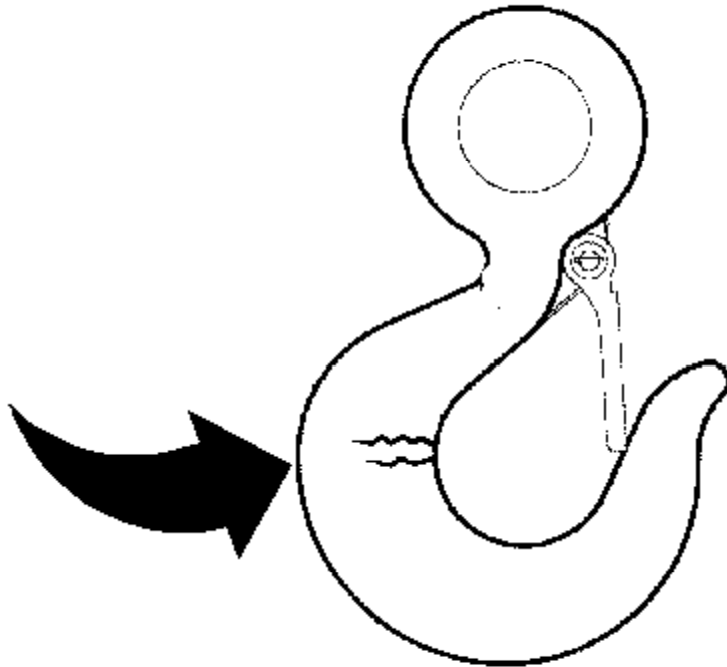
REFER TO API WORKBOOK PAGE 61

(POH545)

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INSPECTION OF FITTINGS CRACKS AND SHARP NICKS



**ANY CRACK, SHARP NICK OR GOUGE IN
THE SURFACE OF ANY FITTING IS CAUSE
FOR REMOVAL FROM SERVICE**

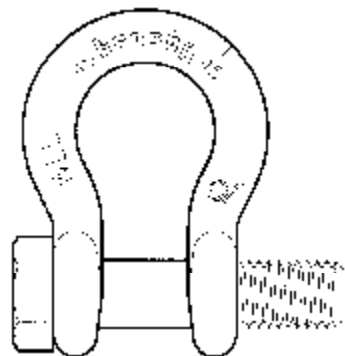
REFER TO API WORKBOOK PAGE 62

(POH548)

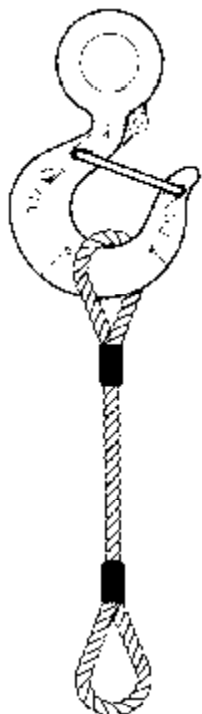
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INSPECTION OF FITTINGS MODIFICATION



**BOLT
SUBSTITUTION**



WELDING OF HOOK

**ANY MODIFICATION OF ANY FITTING IS
CAUSE FOR REMOVAL FROM SERVICE:
WELDING OR HEATING
NO SUBSTITUTION OF PARTS
NO BENDING**

REFER TO API WORKBOOK PAGE 62

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OVERHEAD LIFTING IS A SPECIAL EVENT. *RISK* IS CREATED EVERY TIME WE LIFT A LOAD OFF THE GROUND. *SPECIAL TOOLS*, *SPECIAL METHODS* AND A *SPECIAL MINDSET* ARE REQUIRED.