

SafetyToolboxTalks

BRIESER CONSTRUCTION COMPANY SITE SAFETY MEETING - TOOL BOX TALK

Jackhammer & Bush Hammers

Recently there was an incident related to the “Bush Hammer”, a pressurized air hose came loose from the gun at the high tensile fine threaded gun end. Investigation revealed that there was no “Locktite” applied at the high tensile threaded ends.

Therefore, while twisting the Bush Hammer gun during normal operation, the pressurized air line hose came off; fortunately there were whips in place. However, the threaded fitting is located above the whips.

Further investigation revealed that the “Jack Hammers” & “Bush Hammers” also were lacking the “Locktite” at that particular threaded fitting. So before operating the said tools please inspect all fittings threaded or otherwise and apply Locktite to the threaded ends.



**High Tensile threaded
ends to apply
“Locktite”**

BUSH HAMMER

Jack Hammer - Hose Connections

WHAT HAPPENED?

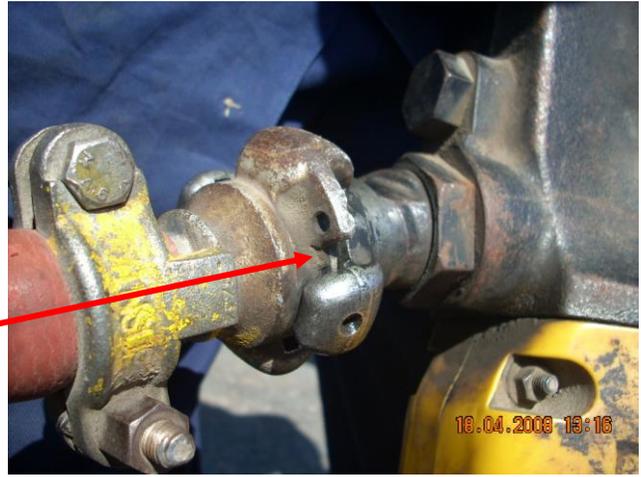
There was an incident involving a compressor that was in operation to drive a jack hammer, the couplings holding the hose to the jack hammer blew apart under pressure. The hose, still under pressure, thrashed around, almost hitting an employee several times on the leg and hip before the valve on the compressor controlling the air pressure was turned off. The employee sustained minor injuries, but could have been seriously injured.

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WHY DID IT HAPPEN?

Investigation revealed that the coupling on the air hose did not match the coupling on the jack hammer. Safety pins to hold the couplings together were not in place.

Further investigation revealed a compressor had been sent from another Works operation and the original hose and fitting had been replaced at some time. The equipment had been used in this way for several months prior to the incident.



**Safety pin alignment
between hose and
jack hammer**

PREVENTIVE ACTION

1. Company personnel should check the couplings and accessories on all compressors and ensure that only correct compatible couplings are in place and that safety / holding pins utilized on all joints operated under pressure. All pressurized equipment is to be checked immediately to ensure that the couplings are compatible, either with the “Bush Hammer” or “Jackhammer”
2. Company personnel are to verify that all the couplings and accessories on all pressurized equipment have been checked and ensure that relevant records that they have been checked are completed and retained.
3. Daily pre-operational checks should be conducted by all personnel operating pressurized equipment to ensure that all pins, Locktite, chains, PPE etc. are in place and are usable. TSTI/ JSA’s and pre-start checklists to be reviewed for inclusion of “compatible couplings and safety pins”/”safety whips” for like equipment and all employees who are required to operate such equipment are to be re-inducted in relation to potential risk and controls.
4. Any item of pressurized equipment, including compressors, Bush Hammers and Jack Hammers, that does not have compatible couplings, or missing or unusable safety/holding pins is NOT to be used under any circumstance and an “Out of Service” tag applied.

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BRIESER CONSTRUCTION SAFETY MEETING

Week of:

Job Number: _____

Date: _____

Job Name: _____

Superintendent: _____

Site Specific

Topics: _____

Crew Safety

Recommendations: _____

Reviewed MSDS #: _____ Subject: _____

Meeting Attended By: (Print your Name)

Supervisor/Foreman: _____