

**Company Name:**

**Individual Submitting Form:**

**Date:** 6/22/12

**Description of Best Practice**

When equipment is parked overnight at or near a jobsite, all hydraulics are to be lowered and de-energized to protect against someone releasing the suspended hydraulics and possibly causing an injury.

**How is it used:**

Every place where equipment is stored.

**When is it used:**

Every time equipment is parked for extended periods or overnight.

**What positive results have you seen from this Best Practice:**

No reported injuries from unauthorized personnel messing with hydraulics on de-energized machines.

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### **Description of Best Practice**

When securing equipment on a remote, unsecured jobsite, equipment trailer hitches are secured by locking them with pintle hitch locks. Backhoes are secured by extending outriggers and placing an outrigger lock on the extended outrigger which renders the backhoe unable to move. In larger equipment, the main ignition fuse is also removed to prevent the equipment from being started. Equipment is also off loaded from trailers and trailers are unhooked from vehicles. The equipment and vehicles are then "stacked" in random order and in close proximity to each other to make theft extremely difficult.

**How is it used:**

Used on remote unsecured jobsites.

**When is it used:**

When crews are away from jobsites for extended periods, overnight, weekends, etc.

**What positive results have you seen from this Best Practice:**

Reduced theft.

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**Description of Best Practice**

Shore Box Hook

MATERIAL		COST
1	5/8" D-Ring	\$ 8.00
2	5/8" Swivel Hook w/latch - Grade 100	\$42.00
1	5/8" hammer lock - Grade 100	\$14.00
1	4 3/8" long 2" Stl Pipe	(minimal)
1	1' ready rod	\$64.00

**DESCRIPTION: JD 3106 (IS WHAT WE USE OURS ON)**

- Weld 5/8" D-Ring onto 2" piece of pipe (4 3/8" long, may vary w/backhoe model).
- Assemble 5/8" Swivel Hook w/Safety Latch to 5/8" Hammer Lock and before mentioned 2" pipe w/ 5/8" D-Ring.
- Pull pin on backhoe bucket and align 2" pipe w/ fittings w/pin and re-insert pin.
- Measure distance between center of swivel hook and backhoe bucket curl pin.
- Determine amount of ready rod to be bent, weld it to 2" pipe (4 3/8" long, may vary w/backhoe model).
- Pull pin and align 2" pipe w/ready rod and re-insert pin.
- Use swivel hook when installing shore boxes, using straps, etc.
- When not in use, lock swivel hook over piece of ready rod to keep out of way.

**How is it used:**

Used by connecting lifting hook to material to be lifted. Stored away by connecting lifting hook to all thread u hook.

**When is it used:**

Every time lifting is required using a back hoe.

**What positive results have you seen from this Best Practice:**

Readily available lifting hook and easily stored out of the way when not needed.





**Company Name:**

**Individual Submitting Form:**

**Date:** 4/26/12

### **Description of Best Practice**

Our company barricades all equipment when working on energized equipment. The crew puts out yellow or orange barricade rope around the vehicle. The barricade acts as a warning barrier to the employees and general public. Even if the equipment is grounded the vehicle will always be barricaded. Employees touching a grounded truck are in danger of being electrocuted if they touch the equipment when it is near energized lines.

**How is it used:**

It is used at all times when a piece of equipment is being used around energized conductors.

**When is it used:**

The barricade is used at all times even if the truck is barricaded.

**What positive results have you seen from this Best Practice:**

The employees are staying away from equipment when work is being performed near energized conductors and crews are planning their work out better.

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**Date:** 6/23/12

### **Description of Best Practice**

When searching for hydraulic leaks on equipment, it is recommended to use a stick or piece of lathe when moving hoses around. Even when a piece of equipment is shutdown, hydraulic hoses can remain pressurized with several hundred pounds of pressure. If a hose should rupture and spray fluid against skin, it may cause a severe laceration with hydraulic fluid burning or entering a person's body causing severe pain and possible poisoning of the circulatory system.

**How is it used:**

As form of checking for hydraulic leaks. Poking hoses and fittings to find a defective part.

**When is it used:**

When suspected leaks occur.

**What positive results have you seen from this Best Practice:**

It has prevented injuries to 2 persons.

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### **Description of Best Practice**

When directional drilling across roadways, busy intersections, or wherever traffic is located, it is recommended to have a spotter with the person locating the sonde. Whenever this occurs, we try to issue new high visibility Class 2 vests to both the spotter and locator for increased visibility. The vests they wear in performing their daily functions can become soiled with use which can decrease the effectiveness of their visibility.

**How is it used:**

When PPE is required to be worn.

**When is it used:**

When crossing roadways or traffic areas.

**What positive results have you seen from this Best Practice:**

No injuries or near misses recorded.