From: Steve Woods - Global RSO <Steve.Woods@Halliburton.com>
To: "'jpj2@nrc.gov'" <jpj2@nrc.gov>
Date: 3/31/03 12:44PM
Subject: FW: Densometer restraint option

Device modification

Mail Envelope Properties
(3E887E4E.5E9 : 4 : 54761)

Subject: FW: Densometer restraint option
Creation Date: 3/31/03 12:37PM
From: Steve Woods - Global RSO <Steve.Woods@Halliburton.com>

Created By: Steve.Woods@Halliburton.com

Recipients
nrc.gov
twf4_po.TWFN_DO
JPJ2 (John Jankovich)

Post Office	**Route**
twf4_po.TWFN_DO	nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	31	03/31/03 12:37PM
Part.001	1605	
Source housing restraint system.ppt		2644480
Mime.822	3622179	

Options

Expiration Date:	None
Priority:	Standard
Reply Requested:	No
Return Notification:	None
Concealed Subject:	No
Security:	Standard

Densometer Restraint System

Features

- Enhanced source security
- Single restraint required per densometer
- Independent of end-connection restraints
- Secures body half to prevent theft.
- Two sizes cover all densometer configurations
- Installs without densometer removal

Densometer Restraint System

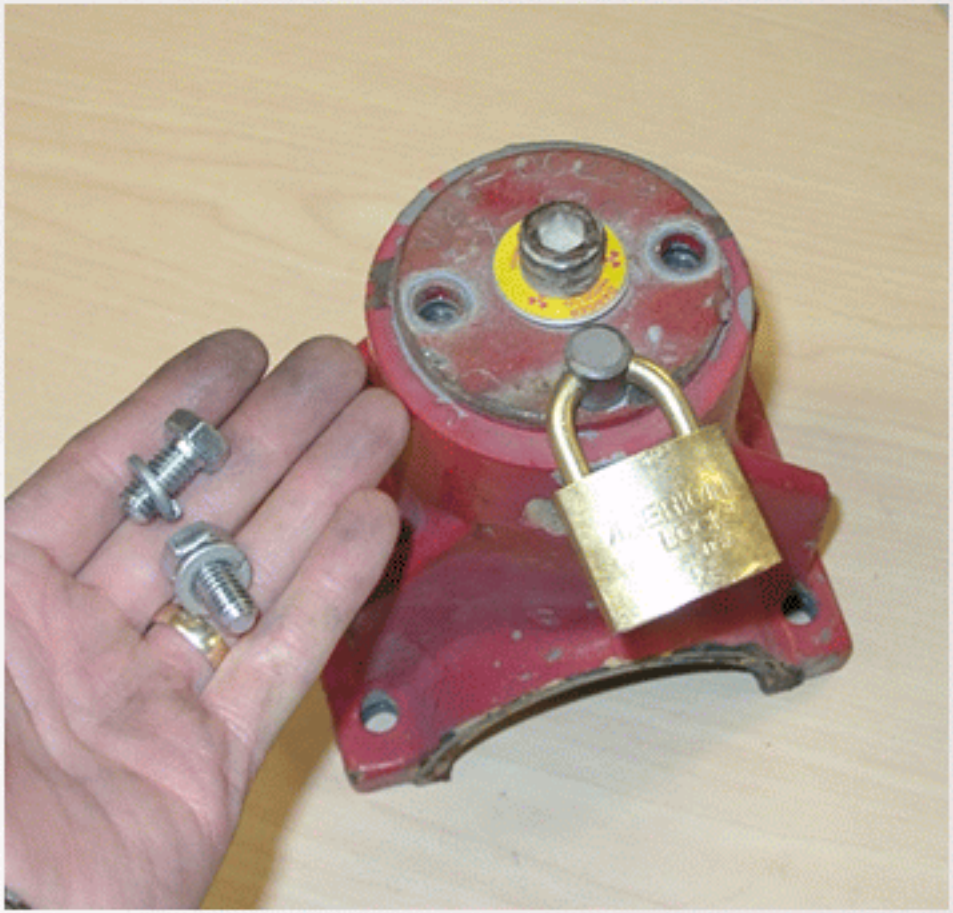
Installation

- Installs on source holder housing using existing threaded holes, and does not require removal of lock or source holder.
- Allows viewing of assembly and source identification numbers by removing the outer cover.

Densometer Restraint System

Installation

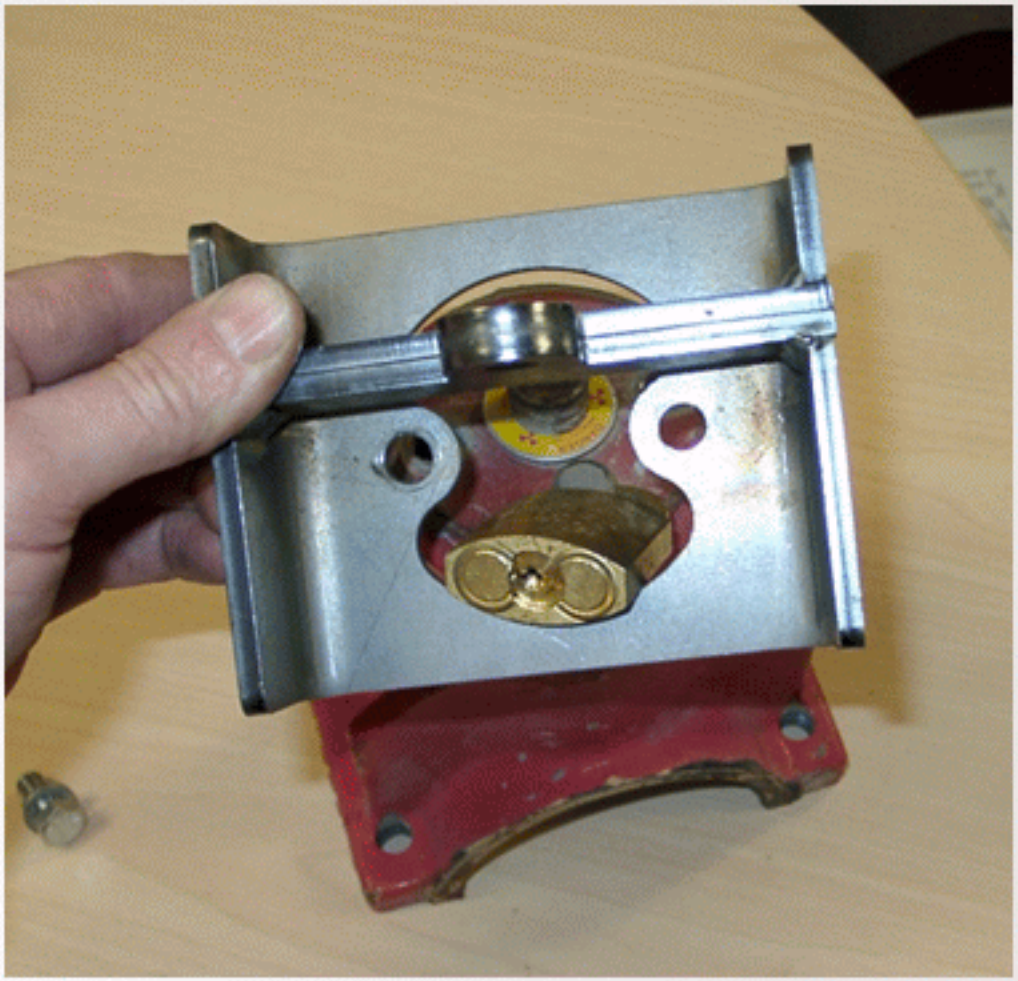
- Remove two existing hex cap screws and lock washers.
- Do Not remove padlock, eye-bolt, or center hex socket screw.



Densometer Restraint System

Installation

- Slip lock through base plate of housing.



Densometer Restraint System

Installation

- Install and tighten two 3/8”-16 x 1” hex socket screws.
- Note that identification numbers are viewable through base plate.

Densometer Restraint System

<u>Installation</u>

- Fold padlock into center of housing.
- Place cover over housing.

Densometer Restraint System

Installation

- Lock loop will protrude through cover.

Densometer Restraint System

Installation

- Install security lock and chain.
- Use high strength chain and lock with hardened shackle to improve cut resistance.
- Secure opposite end of chain.
- Installation complete.