‘It’s in your hands’
HAES is no different to any other drilling contractor.

- We use our hands to do work.
- Work hurt our hands more than any other body part.
- We have programs in place to prevent injuries.
- We have equipment in place to prevent hand and finger injuries.

It’s just not good enough we need to reduce the hand and finger injuries.
What we have implemented to stop hand injuries

Awareness

- Hand and finger presentations rollout out with shock treatment.
- Hand posters
- Updates posters as finger and hand injuries occur during 2009
- Group sessions on the rigs with paper hand cuts outs. Each person to write 5 ways to protect their hands.
- Hand awareness included as new starter induction training. All employees have completed this training.
Hand and finger tools

- We have purchased safe knife kits which are designed to prevent hand injuries.
- We have tried 3 different sets of better quality gloves ranging from $14 to $35.
Group Awareness Sessions

Drillsafe - Perth - 10th September 2009
**Poster Campaigns**

**MY HANDS ARE MY PRIORITY**

*Identify the Hazard*

- Caught under
- Caught between
- Caught against
- Caught in

*I will always protect my hands*

- My mind is focused on the task I’m doing.
- I have identified all the hazards.
- My controls are effective and I will follow them.
- I will report any hand hazards for follow-up.

**Use Step Back 5x5 Every Time**

1. Identify Hazards
2. Identify Controls
3. Do Job Safety using your controls
4. Continuous improvement
5. Eliminate, reduce or manage the hazards in future
6. Review how the job was done

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**IT’S IN YOUR HANDS!**

**GOOD**
- Avoid plant points. Always ensure correct hand positions.
- Wear correct protective gloves.
- Chemical resistance gloves for handling chemicals.

**BAD**
- Small burn from handling chemical without gloves.
- Work with machinery without a guard.
- Finger injured from operating machine without a guard.
- Finger injured when ring was caught.

**UGLY**
- Fingers crushed from an improper hand position.
- Chemical burn from wearing inappropriate gloves.
- Finger injured from operating machine without a guard.
- Finger injured from operating machine without a guard.
- Finger injured from operating machine without a guard.

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Drillsafe - Perth - 10th September 2009
How and where are we hurting our hands in 2009?

HAES First Aid - 20Mar
Struck by Right small finger

HAES First Aid - 13Mar
Cut - no sutures Right Pointer Finger

HAES First Aid - 30Mar
5mm wicker Right Pointer Finger

HAES Restricted Work Case - 10Jun
10 sutures. Struck by Between thumb and index finger

HAES Medical Treatment - 28Jan
1 suture. Caught Between Left small finger

Third Party Report Only - 17Jan
Fall Strained Wrist

Third Party Report Only - 14Jan
Caught Between Right Pointer Finger

HAES First Aid - 25Jan
Caught Between Left index finger

HAES First Aid - 6Feb
Caught Between Left Middle finger

RIGHT HAND

LEFT HAND

Last Updated 8th July 2009

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Safe Knife Sets

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A World of Difference
Hand and Fingers 2008 versus 2009

- 2008 Jan-Jul: 13
- 2008: 19
- 2009 YTD: 7

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What has hurt us

- Wickers
- Lowering grating
- Lowering items to tables or ground
- Hitting up with sledgehammers
- Caught between pipe
- Using the wrong tools i.e. hacksaw blade
Where have we been hurt?

Based on all hand and finger incidents (26)

- Rig Floor: 23%
- Elsewhere: 77%
We need good quality gloves

Most incidents were first aid or non-treatment related. In 2009 the two recordables were cut injuries. It is likely both could have been avoided or severity reduced if more protective gloves were available.

Cuts, caught betweens and struck by or against continue to be the main factors to hand and finger injuries.

Again most were minor and could have been avoided with better protective gloves.

NOTE – Gloves were being worn for 24 of the 26 Hand and Finger incidents.
Preferred glove

- Small number trial commenced on the 26th July
- 12 pairs issued to people on different rigs in different positions
- 2 pairs lost during trial.
- 10 pairs still in use 4 weeks later
- Gloves are washable.
- Estimate if looked after gloves could last 2 hitches.

Scores out of 5 (Where 1 is WORSE and 5 is BEST)

<table>
<thead>
<tr>
<th>Name</th>
<th>Date of issue</th>
<th>Protection</th>
<th>Comfort</th>
<th>Fit</th>
<th>Grip</th>
<th>Dexterity</th>
<th>Durability</th>
<th>Days in service</th>
<th>Overall satisfaction</th>
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<tbody>
<tr>
<td>Total Average</td>
<td>26Jul</td>
<td>4.8</td>
<td>4.2</td>
<td>4.4</td>
<td>4</td>
<td>3.9</td>
<td>4.6</td>
<td>&gt;28</td>
<td>4.4</td>
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</tbody>
</table>

Score

<table>
<thead>
<tr>
<th>Score</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No good</td>
<td>Could be better</td>
<td>Satisfactory</td>
<td>Good</td>
<td>Excellent</td>
</tr>
</tbody>
</table>
Potential cost savings

Monkey Face Glove
- 90 cents each
- Average use 2 pairs per tour
- $50.40 per person per hitch (2 x 28 x .90)
- Currently 182 field employees
- $9,172.80 per month on gloves

Impact Gloves
- $21.55 each
- Average 1 pair per hitch.
- Currently 182 field employees
- $3922.10 per month on gloves
- 58 percent cost saving
- Far greater hand and finger protection
Other hand saving devices available on the market

SPM SAFETY HAMMER™

SPM has introduced the Safety Hammer as an alternative to the sledge hammer for hammer union products used within the oil and gas industry. The Safety Hammer eliminates the safety hazard of swinging a hammer to make up or break down a hammer union connection.

The Safety Hammer is an assembly composed of two main parts: high strength low alloy steel adapter and pneumatic hammer. The adapter is compatible with the following three wing nut sizes: 2", 3" 1502, and 4" 602/1002. The pneumatic hammer is intended to operate with all three adapter sizes.

The Safety Hammer is available under the following part numbers:
- 1A26699 - 2" 1502 Safety Hammer Assembly (8.36 lbs)
- 1A26699 - 3" 1502 Safety Hammer Assembly (8.47 lbs)
- 1A26700 - 4" 602/1002 Safety Hammer Assembly (8.95 lbs)

In order for the Safety Hammer to function as intended, minimum air requirements must be met. SPM recommends 29 SCFM per Safety Hammer, with an air pressure of 90 psi and 1/2" air supply hose size.

Operating the Safety Hammer is simple, just:
- slide adapter onto hammer union connection so that it bears against one of the three lugs,
- squeeze trigger,
- and apply a slight turning force to the gooseneck handle.

The Safety Hammer will make up or break down the hammer union connection depending on its orientation. It is recommended the customer use SPM Safety Iron™ where available and use the Safety Hammer in cases where hammer union connections are required.

Contact SPM Sales for additional information on pricing and availability.
Contact SPM Engineering for any technical and operational questions.
Thank you

Any questions