

# **National Summit on Contractor Safety**

**Washington, D.C.  
October 30-31, 2006**

**Company Contractor Hand Safety**

## Hand Safety Statistics

- In 2001, 67% of Company contractor recordables involved injuries to the Hands.
- The National Safety Council\* (NSC) reports in its 2001-2002 data that the *average total incurred costs per claim* for Hand/Finger/Wrist injuries was **\$10,243**.
- The NSC also reports that 20% of all **disabling injuries** are to the Hand.

## Company Created a “Hand Safety Network”

Development,  
Champion Identified  
&  
Implementation

The Network created:

- Links to Champions
- Monthly conference calls
- Hand Safety web page
- Pocket-sized *Hand Safety Book*
- Hand safety matrix
- Audit sheets
- Hand Safety Critical Operating Tasks (COTs)
- Hand Safety Excellence Award
- Hand recordable frequency rate (HRFR)
- June *Hand Safety Month*
- Hand safety slogan contest



## Hand Safety Web

- The Handy Hand newsletter
- Material Handling newsletter
- Hand safety sign
- Toolbox topics
- Hand safety posters
- Hand safety team contacts list
- Crossword and word search puzzles

# Hand Safety Process Matrix

Core Components (Basic Success Factors) of Hand Safety Process

Site has Hand Safety Team in place which Meets and Audits Regularly	Site has Visible Hand Safety Goals and Milestones (evergreen)	Site has Hand Safety Training Program	Site has Active Hand Safety Communication (including written annual plan)	Site has Visible Leadership Support	Site has Metrics in Place (leading and lagging)
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# Monitoring

# Hand Safety Process Matrix

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Site	Manager	3	3	3	3	3	2
Site A	Manager A	3	3	3	3	3	2
Site B	Manager B	3	3	3	3	3	3
Site C	Manager C	3	3	3	3	3	3
Site D	Manager D						
Site E	Manager E	3	3	3	3	3	2
Site F	Manager F	3	3	3	3	3	2
Site G	Manager G	3	3	3	3	3	3
Site H	Manager H	3	3	3	3	3	3
Site I	Manager I	3	3	3	3	3	3
Site J	Manager J	3	3	3	3	3	3
Site K	Manager K	3	3	3	3	3	3
Site L	Manager L	3	3	3	3	3	3
Site M	Manager M	3	3	3	3	3	3
Site N	Manager N	2	2	3	2	3	1
Site O	Manager O	3	3	3	3	3	3
Site P	Manager P	3	3	3	3	3	3
Site Q	Manager Q	2	2	3	2	3	2
Site R	Manager R	3	3	2	3	3	3
Site S	Manager S	3	3	3	3	3	2
Site T	Manager T						
Site U	Manager U	3	3	2	3	3	2
Site V	Manager V						
Site W	Manager W	3	3	3	3	3	3
Average Number		2.90	2.90	2.90	2.90	3.00	2.60

Stages:

1	Nothing done yet
2	Work in progress
3	Fully implemented

# Audit Sheet

Team Members:	Date:	L = Low Injury Exposure	=	[ ]	x	0.3 = _____
		M = Moderate Injury Exposure	=	[ ]	x	1.0 = _____
		S = Serious Injury Exposure	=	[ ]	x	3.0 = _____



## Hand Safety Auditing Observation Checklist

\_\_\_\_\_ Total

Field Observations: Behaviors, conditions, tasks	Area	Safe / Unsafe	Injury Potential	Potential Type of Injury	Corrected	Comments
1		S U	L M S	B C P S	<input type="checkbox"/>	
2		S U	L M S	B C P S	<input type="checkbox"/>	
3		S U	L M S	B C P S	<input type="checkbox"/>	
4		S U	L M S	B C P S	<input type="checkbox"/>	
5		S U	L M S	B C P S	<input type="checkbox"/>	
6		S U	L M S	B C P S	<input type="checkbox"/>	
7		S U	L M S	B C P S	<input type="checkbox"/>	
8		S U	L M S	B C P S	<input type="checkbox"/>	
9		S U	L M S	B C P S	<input type="checkbox"/>	
10		S U	L M S	B C P S	<input type="checkbox"/>	
11		S U	L M S	B C P S	<input type="checkbox"/>	
12		S U	L M S	B C P S	<input type="checkbox"/>	
13		S U	L M S	B C P S	<input type="checkbox"/>	
14		S U	L M S	B C P S	<input type="checkbox"/>	
15		S U	L M S	B C P S	<input type="checkbox"/>	
16		S U	L M S	B C P S	<input type="checkbox"/>	
17		S U	L M S	B C P S	<input type="checkbox"/>	
18		S U	L M S	B C P S	<input type="checkbox"/>	
19		S U	L M S	B C P S	<input type="checkbox"/>	
20		S U	L M S	B C P S	<input type="checkbox"/>	

Look For:	B = Burn	Audit Index Formula:
Using cutting tools ? - Cutting towards/away from body	C = Cut	Sum of (unsafe acts x severity rating) x 100 ----- Total # of Audit Observations
Using a knife/sharp object? - Using kevlar gloves	P = Pinch Point	
Near puncture hazards ? - Aware of hazard, gloves worn, (splinters, wire, pointed objects)	S = Smash	
Working with hand tools ? - Tool slips, body position, understanding hazard of stored energy		
Near potential pinch points ? - Rotating equipment(guards in place), shifting loads, closures (drawers, doors, handles, clearances)		Total: _____
Handling material? - Are hands in line of fire (between material and stationary object), Should two people be handling the material?		
Protecting their hands? - Gloves needed, worn, correct gloves, putting hands in blind spot, aware of hazards, gloves in acceptable condition ?		
STA ? - Proper information, hand safety section completed, If not using gloves - is it noted on STA?		

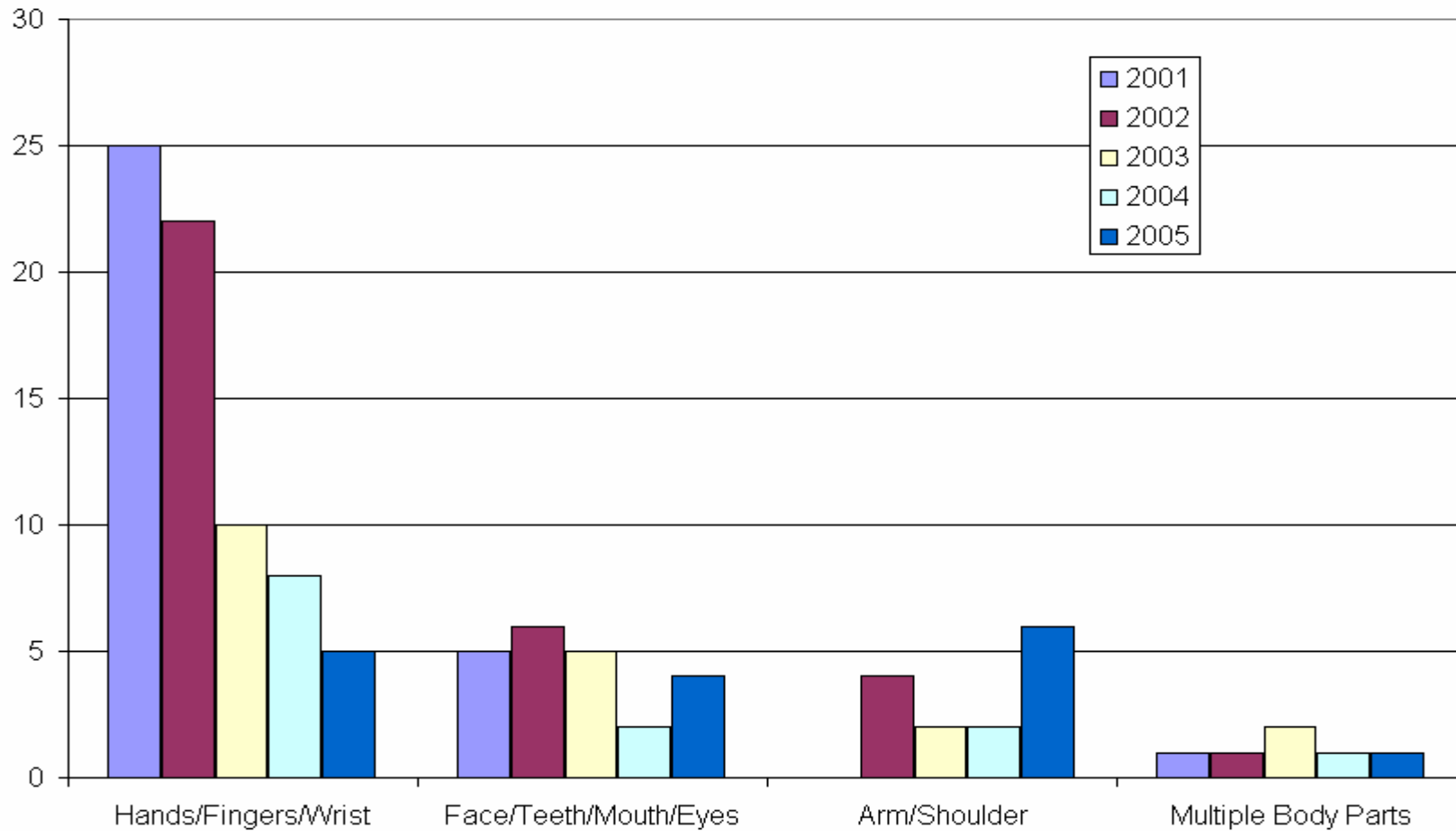


## Site Leadership Support

Essential to  
Success

- Attend Hand Safety meetings and participate in audits
- Support the promotion of Hand Safety by providing funding for:
  - Milestone celebrations
  - Awards
  - Giveaways – gloves, contests, stickers
- Communicate support:
  - E-mail
  - Staff meetings

## Top Recordables by Body Parts: 2001 - 2005



## Results: Contractor Recordable Metrics

<u>Year</u>	<u>% Hand Injuries</u>	<u>HRFR</u>	<u>Hours</u>
2001	67% (of 30)	0.25	16.0MM
2002	58% (of 38)	0.34	12.8MM
2003	46% (of 22)	0.18	11.3MM
2004	45% (of 20)	0.17	10.3MM
2005	21% (of 28)	0.08	13.1MM

# Hand Safety Excellence Award

Success  
Recognition



# Target Safety Implementation Model

