

**NIOSH-CPWR**

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National Institute of Occupational Health-Center to Protect Workers Rights (NIOSH-CPWR)

SPSS

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NIOSH-CPWR

(% / ) ( % / )  
.(Chubine 2003) ( % )

.( NIOSH 1997)

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% (Welch et al. 1998)  
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%(Anderson 1992)

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.(Hildebrandt 1995)

% ( Cook et al. 1996)

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.(Zimmerman et al. 1997)

lundholm and Swartz )

.(2006

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(% ) .(Goldshyder 2002)

CPWR

Chaffin and Anderson 1984; Keyserling )  
et al. 1988; Alazab 2004; Rosecrance et al.  
( 2002

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Chaffinand and Anderson )  
1984; Buchholz 1996; kittusamy 2004;  
(Keyserling et al. 1988

Posture-  
Activity-Tools and Handling (PATH)

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CPWR

(Hajaghazadeh 2006)

CPWR

Center to Protect Workers

Rights (CPWR)

(Elcosh 2004)

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(Kuorinka et al. 1987)

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T-test

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;Zimmerman et al. 1997) .

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.(Rosecrance et al. 2002)

Chaffinand and )

Anderson 1984; Buchholz 2003; kittusamy  
(2004; Keyserling et al. 1988

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