

## Energy Supply Temperature Guidelines Effective 08/01/02

### EPRI STAY TIMES CHART

		Work Clothes			Cotton Coveralls			Double Cottons			Cottons plus Plastics		
		Metabolism			Metabolism			Metabolism			Metabolism		
WBGT		Low	Mod	High	Low	Mod	High	Low	Mod	High	Low	Mod	High
°C	°F												
50	122	15-30	0-10		5-15	0-5		5-15					
48	118	20-45	5-15		15-30	5-10		10-20			5-15		
46	115	20-45	5-20		20-45	5-15		15-30	0-10		15-20		
44	111	30-60	10-25		20-45	5-20		20-45	5-15		15-30	0-10	
42	108	45-90	15-30	5-10	30-60	10-25		20-45	5-20		20-45	5-15	
40	104	60-90	15-45	10-20	45-90	15-40	5-10	30-60	10-25		20-45	5-20	
38	100	90-120	20-45	15-30	60-90	15-45	10-25	45-90	15-30	5-10	30-60	10-25	
36	97	2h-4h	30-60	15-40	90-120	25-45	15-30	60-90	15-45	10-20	45-90	15-30	5-10
34	93	3h-8h	45-90	20-45	2h-4h	30-60	15-45	90-120	20-45	15-30	60-90	15-45	10-20
32	90	NL	90-120	30-60	3h-8h	60-100	25-50	2h-4h	30-60	15-40	90-120	20-45	15-30
30	86	NL	2h-4h	60-120	NL	1h-2h	30-90	3h-8h	45-90	20-45	2h-4h	30-60	15-40
28	82	NL	NL	2h-4h	NL	1h-4h	1h-3h	NL	90-120	30-60	3h-8h	45-90	20-45
26	79	NL	NL	4h-8h	NL	NL	3h-8h	NL	2h-4h	60-120	NL	90-120	30-60
24	75	NL	NL	NL	NL	NL	NL	NL	NL	2h-4h	NL	2h-4h	60-120
22	72	NL	NL	NL	NL	NL	NL	NL	NL	4h-8h	NL	NL	2h-4h
20	68	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	4h-8h
<20	<68	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL

NL = No Limit

### Energy Supply Guidelines for Utilizing Sling Psychrometer with EPRI STAY TIMES CHART:

<b>% Relative Humidity</b>	<b>WBGT to Wet Bulb</b>	
<b>95-100</b>	<b>WBGT = Wet Bulb</b>	<b>*Wet Bulb &gt; 110 °F: PROTECTIVE CONTROLS REQUIRED</b>  <b>*Wet Bulb &gt; 115 °F: NO ENTRY</b>
<b>65-95</b>	<b>WBGT &gt; Wet Bulb</b>	<b>Apply Wet Bulb to next higher temperature on EPRI chart</b>
<b>&lt;65</b>	<b>WBGT &gt; Wet Bulb</b>	<b>Add 6 °F to Wet Bulb</b>