



2019 OSHA UPDATE

Presented by J. Larry Stine
Wimberly Lawson Steckel Schneider & Stine PC
Atlanta, Georgia

Heat Stress: OSHA Tackles the Elements

1. OSHA Heat Stress Program
2. House Bill H.R. 3668
3. *A.H. Sturgill Roofing* and the General Duty Clause

NIOSH HEAT STANDARD

Table 6-2. Work/rest schedules for workers wearing normal work clothing*

Adjusted temperature (°F) [†]	Light work (minutes work/rest)	Moderate work (minutes work/rest)	Heavy work (minutes work/rest)
90	Normal	Normal	Normal
91	Normal	Normal	Normal
92	Normal	Normal	Normal
93	Normal	Normal	Normal
94	Normal	Normal	Normal
95	Normal	Normal	45/15
96	Normal	Normal	45/15
97	Normal	Normal	40/20
98	Normal	Normal	35/25
99	Normal	Normal	35/25
100	Normal	45/15	30/30
101	Normal	40/20	30/30
102	Normal	35/25	25/35

Adjusted temperature (°F) [†]	Light work (minutes work/rest)	Moderate work (minutes work/rest)	Heavy work (minutes work/rest)
103	Normal	30/30	20/40
104	Normal	30/30	20/40
105	Normal	25/35	15/45
106	45/15	20/40	Caution‡
107	40/20	15/45	Caution‡
108	35/25	Caution‡	Caution‡
109	30/30	Caution‡	Caution‡
110	15/45	Caution‡	Caution‡
111	Caution‡	Caution‡	Caution‡
112	Caution‡	Caution‡	Caution‡

* With the assumption that workers are physically fit, well-rested, fully hydrated, under age 40, and have adequate water intake and that there is 30% RH and natural ventilation with perceptible air movement.

† Note: Adjust the temperature reading as follows before going to the temperature column in the table:

Full sun (no clouds): Add 13°

Partly cloudy/overcast: Add 7°

No shadows visible/work is in the shade or at night: no adjustment

Per relative humidity: 10%: Subtract 8°

20%: Subtract 4°

30%: No adjustment

40%: Add 3°

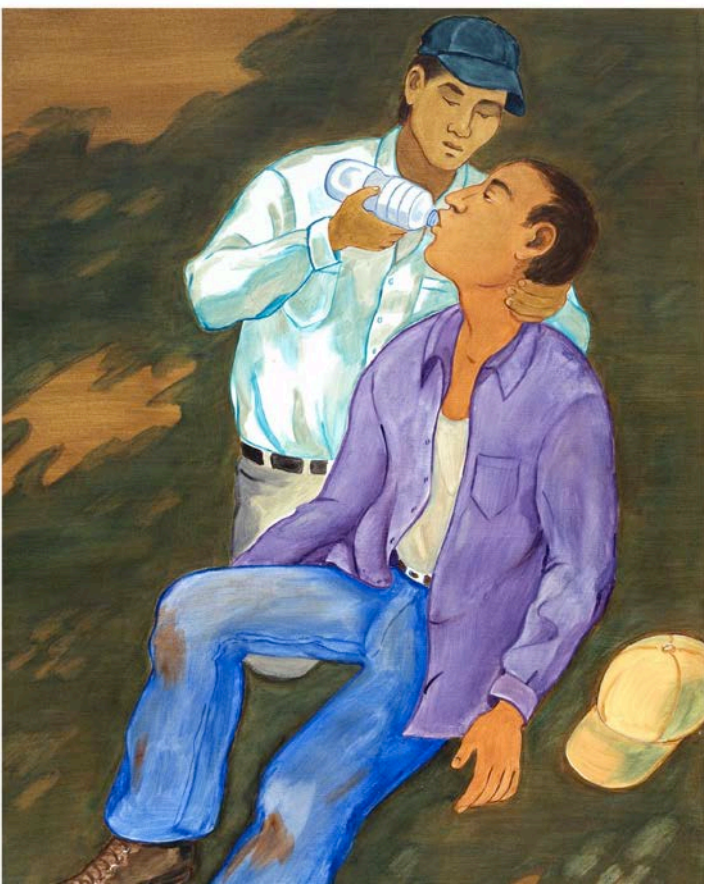
50%: Add 6°

60%: Add 9°

‡ High levels of heat stress; consider rescheduling activities.

Adapted from EPA [1993].

OSHA Accepted Heat Stress Program, written by Larry Stine



- Provision of Water and Sports Drinks
- Access to Shade
- Acclimatization
- Monitoring Weather Conditions
- Supervisor's Observation of Employees
- Heat Stress Medical Response
- Selection of Clothing
- Employee Training
- Supervisor Training

Proposed
Legislation –
H.R. 3668



On July 11, 2019, the House Workforce Protections Subcommittee held a hearing about measures proposed to protect workers from heat-related illnesses. [H.R. 3668](#), introduced July 10, 2019 by Rep. Judy Chu (D-CA), would direct OSHA to create, within 42 months, a final standard that mandates workers in high-heat environments – indoors or outdoors – have paid breaks in cool spaces, access to water and exposure limitations to heat.



Review Commission Decision

A.H. Sturgill Roofing Co.

OSHRC Docket No. 13-0224 (Feb. 28, 2019)



THANK YOU

Wimberly Lawson Steckel Schneider
& Stine, PC

Lenox Towers – Suite 400
3400 Peachtree Road, N.E.
Atlanta, Georgia 30326
404.365.0900

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Larry Stine – jls@wimlaw.com