

## TWL working zones and recommended management interventions

TWL (W.m <sup>-2</sup> )	Working zone	Interventions
> 140	Unrestricted	<p><b>No limits on self-paced work</b> for educated, hydrated, acclimatised workers.</p>
115-140	Buffer	<p><b>Buffer zone exists to identify situations in which environmental conditions may be limiting to work</b></p> <ul style="list-style-type: none"> <li>Any practicable intervention to reduce heat stress should be implemented e.g. provide shade, improve ventilation etc.</li> <li>Working alone to be avoided if possible</li> <li>Unacclimatised<sup>a</sup> workers not to work in this zone</li> <li>Fluid intake of ≥1 litre per hour required</li> <li>Work-rest cycling or rotation required*.</li> </ul>
< 115	Withdrawal	<p><b>Work limited to essential maintenance or rescue operations</b></p> <ul style="list-style-type: none"> <li>No person to work alone</li> <li>No unacclimatised person to work<sup>a</sup></li> <li>Documentation required authorising work in hostile thermal conditions for specific purpose</li> <li>Specific induction required emphasising hydration and identifying signs of heat strain</li> <li>Apply 20 minutes work - 40 minutes rest schedule</li> <li>Dehydration testing recommended at end of shift*</li> <li>Personal water bottle (2 litre capacity) must be on the job at all times</li> </ul>

<sup>a</sup>Note: unacclimatised workers are defined as new workers or those who have been off work for more than 14 days due to illness or leave (outside the tropics)

\*[Contact us](#) for further information or suggested schedules