

TWL working zones and recommended management interventions

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

^aNote: 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