

# MACHINERY OPERATIONS TABLE

The table below uses the **average wind speed (km/h)** for a range of different **temperature (°C)** and **relative humidity (RH%)** combinations to decide when machinery operations should cease.



Tasmania Fire Service

**EXAMPLE: Refer to the highlighted areas on the table.**

1. Temperature: 25°C.

2. Relative Humidity: 17% rounded down to 15%.

3. For this combination of Temperature and Relative Humidity operations should stop when the average wind speed goes above 33 km/h.

TEMP (°C)	5	10	15	20	25	30	40	50	60	65	RH%
15	31	35	38	40	43	45	49	53	56	58	Average Wind Speed (KPH)
20	29	33	36	38	40	43	46	50	53	55	
25	27	30	33	36	38	40	44	47	50	52	
30	25	28	31	33	35	37	41	44	47	49	
35	23	26	28	31	33	35	38	41	44	46	
40	21	24	26	28	30	32	35	39	41	43	
45	19	22	24	26	28	30	33	36	39	40	
TEMP (°C)	5	10	15	20	25	30	40	50	60	65	RH%

\* These weather combinations relate to a Grassland Fire Danger Index (GFDI) of 35.