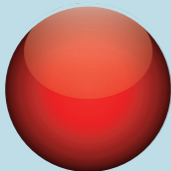


Solutions: Delivering safety.

Vibration



The Traffic Light Scheme

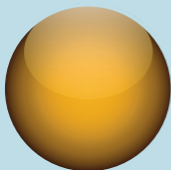


STOP USING THE TOOL

HAV risk management required.

- ✓ EAV is reached.
- ✓ ELV is reached.
- ✓ 400 points exceeded.

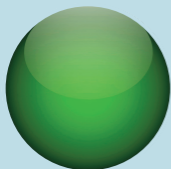
You must stop using the tool.



LOOK AT THE RISKS

HAV risk management required.

- ✓ EAV is reached.
- ✓ more than 100 up to 399 HSE points.
- ✗ ELV is not reached.



BE AWARE OF THE RISK

No HAV risk management required.

- ✓ less than 99 HSE points.
- ✗ EAV is not reached.
- ✗ ELV is not reached

see reverse for chart



Makita produces low vibration solutions through our AVT range of equipment look for the logo

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The operator needs to be aware of the length of time the tool will be used (trigger time) and the vibration value assigned to the tool

Vibration value m/s ²	40	800																		
	30	450	900																	
	25	315	625	1250																
	20	200	400	800																
	19	180	360	720	1450															
	18	160	325	650	1300															
	17	145	290	580	1150															
	16	130	255	510	1000															
	15	115	225	450	900	1350														
	14	98	195	390	785	1200														
	13	85	170	340	675	1000	1350													
	12	72	145	290	575	865	1150	1450												
	11	61	120	240	485	725	970	1200	1450											
	10	50	100	200	400	600	800	1000	1200											
	9	41	81	160	325	485	650	810	970	1300										
	8	32	64	130	255	385	510	640	770	1000	1200									
	7	25	49	98	195	295	390	490	590	785	865									
	6	18	36	72	145	215	290	360	430	575	720									
	5.5	15	30	61	120	180	240	305	365	485	605									
5	13	25	50	100	150	200	250	300	400	500										
4.5	10	20	41	81	120	160	205	245	325	408										
4	8	16	32	64	96	130	160	190	255	320										
3.5	6	12	25	49	74	98	125	145	195	245										
3	5	9	18	36	54	72	90	110	145	180										
2.5	3	6	13	25	38	50	63	75	100	125										
2	2	4	8	16	24	32	40	48	64	80										
1.5	1	2	5	9	14	18	23	27	36	45										
1	1	1	2	4	6	8	10	12	16	20										
		15 min	30 min	1	2	3	4	5	6	8	10									
		Daily exposure time in hours (trigger time)																		

400 points exceeded ■
 100 to 399 HSE points ■
 less than 99 HSE points ■

100 points per day = exposure action value (EAV)
 400 points per day = exposure limit value (ELV)

1. Find the vibration value (level) for the tool on the left hand side of the table.
2. Find the usage time (or nearest) along the bottom of the table.
3. The value at which the two lines cross indicate the exposure points accumulated.

e.g. 6m/ s² (Vibration Value), 30 mins (Usage Time)
 = 36 accumulated points (see chart)

If a worker is exposed to more than 1 tool/process in the working day then repeat steps 1 to 3 and add total points.

