



2600SEG250
HYGIENE STANDARD FOR VIBRATION GENERATING SITES

APPENDIX A

ADMISSIBLE LEVELS FOR GENERAL Z-AXIS VIBRATIONS

Tertiary Band Median Frequency	Acceleration in m/s ² Daily Exposure Time							
	(Hz)	8 hrs.	4 hrs.	2 hrs.	1 hrs.	30 min.	15 min.	7.5 min.
1.00	0.630	0.880	1.260	1.780	2.520	3.560	5.040	6.180
1.25	0.560	0.790	1.130	1.590	2.250	3.180	4.500	5.520
1.60	0.500	0.700	1.000	1.410	2.000	2.820	4.000	4.900
2.00	0.450	0.620	0.890	1.250	1.770	2.510	3.550	4.350
2.50	0.400	0.550	0.790	1.110	1.580	2.220	3.150	3.860
3.15	0.355	0.490	0.700	1.950	1.400	1.980	2.800	3.430
4.00	0.315	0.440	0.630	0.890	1.260	1.780	2.520	3.090
5.00	0.315	0.440	0.630	0.890	1.260	1.780	2.520	3.090
6.30	0.315	0.440	0.630	0.890	1.260	1.780	2.520	3.090
8.00	0.315	0.440	0.630	0.890	1.260	1.780	2.520	3.050
10.00	0.400	0.570	0.800	1.130	1.600	2.260	3.200	3.920
12.50	0.500	0.710	1.000	1.410	2.000	2.830	4.000	4.900
16.00	0.630	0.890	1.260	1.780	2.250	3.560	5.040	6.170
20.00	0.800	1.330	1.600	2.260	3.200	4.520	6.390	7.830
25.00	1.000	1.410	2.000	2.830	4.000	5.650	7.990	9.790
31.50	1.250	1.770	2.500	3.530	5.000	7.060	9.990	12.24
40.00	1.600	2.260	3.200	4.520	6.400	9.040	12.79	15.67
50.00	2.000	2.830	4.000	5.650	8.000	11.31	15.99	19.59
63.00	2.500	3.540	5.000	7.070	10.00	14.14	19.99	24.49
80.00	3.150	4.450	6.300	8.910	12.59	17.81	25.18	30.85