

Appendix 1: The direction was given to the workers before participating in experiment involving the transmission of floor vibration from to backrest and forehead.

- During vertical vibration the distance between the legs was 30 cm.
- The workers had avoided movements of the head.

The vibration exposure between the floor and backrest, forehead movements for tri-axial directions are as follows

Trail	X-axis (m/s ²)	Y-axis (m/s ²)	Z-axis (m/s ²)	RMS (m/s ²)
1	0.23	0.48	1.64	0.24
2	0.32	0.48	1.70	0.26
3	0.25	0.59	1.66	0.23
4	0.39	0.69	1.84	0.29
5	0.29	0.50	1.39	0.34

Appendix Table 1: Recording floor vibration from Power Press (Capacity 2000 Ton).

Trail	X-axis (m/s ²)	Y-axis (m/s ²)	Z-axis (m/s ²)	RMS (m/s ²)
1	0.36	0.87	0.52	0.32
2	0.25	0.18	0.19	0.22
3	0.37	0.46	0.41	0.51
4	0.27	0.81	0.47	0.11
5	0.62	1.80	0.86	0.34

Appendix Table 2: Recording backrest vibration on workers.

Trail	X-axis (m/s ²)	Y-axis (m/s ²)	Z-axis (m/s ²)	RMS(m/s ²)
1	0.44	0.56	0.59	0.12
2	2.8	10.8	6.64	0.90
3	0.50	0.85	0.58	0.25
4	0.64	1.22	0.72	0.13
5	0.61	0.96	0.78	0.27

Appendix Table 3: Recording head vibration on workers.