

LIST OF TABLES

S.No.	Title	Page No.
1.	Physical Properties of Marble	28
2.	Important deposits of marble in Rajasthan	30
3.	Value of Production of Marble, 2009-10 to 2014-15	33
4.	Classification of Physiological Workload According to Severity of Work Load	82
5.	Relational statistics applied to test the Hypotheses	86
6.	Distribution of Respondents according to their Age (in years)	92
7.	Distribution of Respondents according to their Educational Qualification	93
8.	Distribution of Respondents according to their total Working Experience (in years)	94
9.	Distribution of Respondents according to their Working Experience in the present Industry	95
10.	Distribution of Respondents according to their Handedness	96
11.	Distribution of Respondents according to the feeling of Physical Wellness as perceived by them	98
	11.1. Age wise distribution of Respondents according to the Feeling of Physical Wellness as perceived by them	99
	11.2. Working Experience in the present industry wise distribution of Respondents according to their feeling of Physical Wellness as perceived by them	100
12.	Distribution of Respondents according to their Anthropometric Measurements	102
13.	Dimensions of the Workstation	104
14.	Distribution of Respondents according to the Pain experienced in Neck	109
15.	Distribution of Respondents according to the Pain experienced in Shoulder	111
16.	Distribution of Respondents according to the Pain experienced in Elbow	114
17.	Distribution of Respondents according to the Pain experienced in their Wrists	115
18.	Distribution of Respondents according to the Pain experienced in Arms	118
19.	Distribution of Respondents according to the Pain experienced in Palm	120
20.	Distribution of Respondents according to the Pain experienced in Back	122
21.	Distribution of Respondents according to the Pain experienced in Hip	124

22.	Distribution of Respondents according to the Pain experienced in Knees	126
23.	Distribution of Respondents according to the Pain experienced in Thigh	128
24.	Distribution of Respondents according to the Pain experienced in Leg	130
25.	Distribution of Respondents according to the Pain experienced in Feet	132
26.	Distribution of Respondents according to the Pain experienced in their Ankles	135
27.	Weighted Mean for the Perceived Musculoskeletal Pain in the Body Parts	136
28.	Distribution of Respondents according to the Postural Discomfort	138
29.	Distribution of the Marble Industries According to the Presence of Light	142
30.	Distribution of Respondents according to their Perceived Comfort Level and Preference of Light at the Workplace	143
31.	Distribution of the Marble Industries according to their Noise Level	145
32.	Distribution of the Marble Industries according to their Presence of Humidity	146
33.	Distribution of the Marble Industries according to their Existing Temperature	147
34.	Vibration Produced by the Marble Cutting Workstation	149
35.	Distribution of Respondents according to the Ergonomic Parameters for Assessing Workplace	151
36.	Distribution of Respondents According to the Perceived Fatigue experienced by them	153
37.	Distribution of Respondents According to the Physiological Cost of Work	154
38.	Analysis of Variance showing variation in the Perceived Musculoskeletal Pain experienced by the respondents with their Age, Years of Working Experience and Perceived Health Status	158
39.	Scheffe's test showing the mean difference between the health status (during work) with their Musculoskeletal Pain	159
40.	t-test showing the difference in Perceived Musculoskeletal Pain experienced by the respondents and Environment of the Workplace	160
41.	Analysis of Variance showing variation in the Physiological Cost of Work of the respondents with their Age, Years of Working Experience and Perceived Health Status	161
42.	t-test showing the difference in Physiological Cost of Work of the respondents with the Environment of the Workplace.	161
43.	Analysis of Variance showing variation in the Perceived Fatigue experienced by the respondents with their Age, Years of Working Experience and Perceived Health Status	163
44.	Scheffe's test showing the mean difference between the health status (during work) and health status (after work) with their Perceived Fatigue	163

45.	t-test showing the difference in Perceived Fatigue experienced by the respondents and Environment of the Workplace	164
46.	Chi-square values for Physiological Cost of Work and Perceived Fatigue experienced by the respondents	165
47.	Chi-square values for Physiological Cost of Work and Perceived Musculoskeletal Pain experienced by the respondents	165
48.	Co-efficient of Correlation showing relationship between Perceived Fatigue and Perceived Musculoskeletal Pain	166