

Table 3: Means and standard deviations of various parameters after 8 hours of work

Mean Parameters	Carbon department	Reduction department	Casting department	P-value
Tympanic temperature	36.18	36.32	36.18	0.780
Standard Deviation	0.50	0.55	0.46	
Average heart rate	90.12	92.15	91.82	0.854
Standard Deviation	12.54	12.13	10.16	
Maximum heart rate	137.66	138.55	140.09	0.311
Standard Deviation	21.45	26.54	16.08	
Urine specific gravity	1021	1023	1021	0.134
Standard Deviation	6	4	4	