

Table 2 Physiological parameters after 4 hours of work in the 3 departments of the smelter

Parameters	Carbon anode plant	Electrolyte reduction	Casting house	P
TT	36.29 (0.49)	36.21 (0.5)	36.17 (0.45)	0.592
Average heart rate	86.28 (12.54)	89.13 (12.42)	87.62 (10.16)	0.852
Maximum heart rate	136.0 (22.34)	135.45 (22.02)	137.26 (23.48)	0.645
USG	1022 (5)	1023 (5)	1020 (4)	0.230

Results are expressed as mean (standard deviation). TT = tympanic temperature; USG = urine specific gravity.