

Table 3 Physiological parameters after 8 hours of work in the 3 departments of the smelter

Parameters	Carbon anode plant	Electrolyte reduction	Casting house	P
TT	36.18 (0.50)	36.32 (0.55)	36.18 (0.46)	0.780
Average heart rate	90.12 (12.54)	92.15 (12.13)	91.82 (10.16)	0.854
Maximum heart rate	137.66 (21.45)	138.55 (26.54)	140.09 (16.08)	0.311
USG	1021 (6)	1023 (4)	1021 (4)	0.134

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