

ISO 9886:2004-02 (E)

Ergonomics - Evaluation of thermal strain by physiological measurements

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Symbols and abbreviated terms	2
4 Measurement of body core temperature (tcr)	3
4.1 General	3
4.2 Measurement techniques for indicators of body core temperature	4
5 Measurement of body skin temperature (tsk)	6
5.1 General	6
5.2 Principle of the method	7
5.3 Interpretation	7
6 Assessment of thermal strain on the basis of heart rate (HR)	7
6.1 General	7
6.2 Principle of the method	7
6.3 Interpretation	8
7 Assessment of physiological strain on the basis of body-mass loss (msw) due to sweating	8
7.1 Principle of the method	8
7.2 Interpretation	8
Annex A (informative) Comparison between the physiological methods of evaluation of thermal strain	9
Annex B (informative) Measuring techniques	12
Annex C (informative) Limit values of the physiological parameters of thermal strain	18
Bibliography	21