

# DIN EN 13202:2000-09 (E)

## Ergonomics of the thermal environment - Temperatures of touchable hot surfaces - Guidance for establishing surface temperature limit values in production standards with the aid of EN 563; English version of DIN EN 13202

---

### Content

	Page
Foreword	3
Introduction	4
1 Scope	4
2 Normative references	5
3 Terms and definitions	5
4 Assessment of the risk of burning	6
4.1 Procedure	6
4.2 Identification of touchable hot surfaces	6
4.3 Task analysis	6
4.4 Measurement of the surface temperatures	6
4.5 Choice of applicable burn threshold	6
4.6 Comparison and conclusion	7
4.7 Result of the risk assessment	7
5 Application of protective measures	7
6 Need for establishing surface temperature limit values and selection method	8
6.1 Procedure	8
6.2 Determination of the risk of burning	8
6.3 Choice of appropriate protective measures	8
6.4 Introducing surface temperature limit values into standards	8
7 Burn thresholds	8
7.1 General	8
7.2 Determination of the contact period	8
7.3 Selection of the burn threshold	9
7.4 Texture of the surface	9
8 Selection of appropriate surface temperature limit values	10
8.1 General	10
8.2 Collection of information	10
8.3 Determination of the burn threshold	10
8.4 Limit values for contact periods of 1 min and longer	10
8.5 Limit values for contact periods between 0,5 s and 1 min	10
Annex A (normative) Amendment of table B.1 of EN 563:1994	11
Annex B (normative) Additional burn threshold values for very short contacts	12
Annex C (informative) Example for establishing surface temperature limit values	13
Annex D (informative) Flow charts for the application of the standard	19