

# ISO 10551:2019-06 (E)

## Ergonomics of the physical environment - Subjective judgement scales for assessing physical environments

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Subjective judgement scales for physical environments: Principles of scale construction and use .....	1
5	Perceptual, evaluation and preferential judgement scales .....	2
5.1	Instructions for using the judgement scales .....	2
5.2	Scale of perception of the personal state .....	4
5.2.1	Structure of the scale .....	4
5.2.2	Wording of the degrees .....	4
5.3	Evaluative scale .....	4
5.3.1	Structure of the scale .....	4
5.3.2	Wording of the points .....	5
5.4	Preference scale .....	5
5.4.1	Structure of the scale .....	5
5.4.2	Wording of the degrees .....	5
6	Personal acceptability statement and tolerance scale .....	5
6.1	General .....	5
6.2	Instructions for using the judgement expression forms .....	5
6.3	Description of the forms of judgement expression .....	6
6.3.1	Structure of the forms of judgement expression .....	6
6.3.2	Wording of the degrees .....	6
7	Instructions for repeat enquiries .....	6
8	Summary of the scales .....	7
9	Format and method of presentations of the scales .....	7
10	Data analysis and application of the results .....	7
Annex A (informative) Commonly used scales for assessing thermal environments .....		8
Annex B (informative) Commonly used scales for assessing acoustic environments .....		11
Annex C (informative) Commonly used scales for assessing visual environments .....		13
Annex D (informative) Commonly used scales for assessing vibration environments .....		15
Annex E (informative) Commonly used scales for assessing air quality environments .....		17
Annex F (informative) Application of assessment procedure and judgement scales: Examples, including data analysis .....		18
Annex G (informative) Examples of scales that can be used in the environmental ergonomics survey .....		26
Bibliography .....		28