ISO/TS 16976-8:2013-06 (E)

Respiratory protective devices - Human factors - Part 8: Ergonomic factors

Contents		Page	
Forew	ord	iv	
Introduction		v	
1	Scope	1	
2	Normative references	1	
3	Termsanddefinitions	1	
4	Ergonomic factors		
4.1	General		
4.2	Integration of performance and ergonomic requirements		
4.3	Factors to be considered in the determination of the best ergonomic solution		
4.4	Factors to be considered in specifying requirements for the adjustability of RPD and its appropriate fixation to the body	4	
4.5	Factors to be considered in specifying requirements to ensure that RPD does not irritat or cause discomfort		
4.6	Factors to be considered in specifying requirements to take into account the anthropometric factors of RPD		
4.7	Factors to be considered in specifying requirements to take into account the biomechanical factors of RPD		
4.8	Factors to be considered in specifying requirements to take into account the thermal effects of RPD		
4.9	Factors to be considered in specifying requirements to take into account the sensory effects of RPD		
5	Verificationprocedureforcompliancewithergonomicfactors	7	
5.1	General approach		
5.2	Selecting an appropriate type of test		
5.3	Assessment of the anthropometric factors of RPD and their impact on the wearer		
5.4	Assessment of the biomechanical factors of RPD and their impact on the wearer		
5.5	Assessment of the thermal effects of RPD and their impact on the wearer		
5.6	Assessment of the sensory factors of RPD and their impact on the wearer	10	
Annex	A (informative)ErgonomicassessmentofRPDusingpanelsoftestsubjects	13	
Biblio	graphy	16	