# DIN EN 1005-4:2005-08 (E)

## Safety of machinery - Human physical performance - Part 4: Evaluation of working postures and movements in relation to machinery

## Contents


Page

Foreword ..... 3

Introduction ..... 4

1 Scope ..... 5

2 Normative references ..... 5

3 Terms and definitions ..... 6

4 Requirements ..... 6
4.1 General ..... 6
4.2 Guidance towards risk assessment ..... 6
4.2.1 General ..... 6
4.2.2 Establish the operator population ..... 7
4.2.3 Perform a task analysis ..... 7
4.2.4 Identify the ergonomic data required ..... 7
4.2.5 Evaluate at the drawing-table/CAD-screen ..... 8
4.2.6 Evaluate with operators ..... 8
4.3 Risk assessment ..... 8
4.3.1 General ..... 8
4.3.2 Trunk ..... 10
4.3.3 Upper arm ..... 12
4.3.4 Head and neck ..... 14
4.3.5 Other body parts ..... 15

Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 98/79/EC ..... 17

Bibliography ..... 17