

# ISO 20346:2004-08 (E)

## Personal protective equipment —Protective footwear

---

### Contents

page

Foreword.....	V
1 Scope .....	1
2 Normative references .....	1
3 Terms and definitions .....	1
4 Classification.....	6
5 Basic requirements for protective footwear .....	7
5.1 General.....	7
5.2 Design .....	10
5.3 Whole footwear .....	10
5.4 Upper.....	12
5.5 Lining .....	14
5.6 Tongue.....	15
5.7 Insole and insock.....	15
5.8 Outsole.....	16
6 Additional requirements for protective footwear .....	17
6.1 General .....	17
6.2 Whole footwear .....	18
6.3 Upper .....	21
6.4 Outsole .....	22
7 Marking .....	25
8 Information to be supplied .....	25
8.1 General .....	25
8.2 Electrical properties .....	25
8.3 Insocks .....	27
Bibliography.....	28