

ISO 11148-11:2011-12 (E)

Hand-held non-electric power tools - Safety requirements - Part 11: Nibblers and shears

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
3.1	General definitions	2
3.2	Definitions related to nibblers and shears	4
4	Safety requirements and/or protective measures	4
4.1	General	4
4.2	Mechanical safety	4
4.3	Thermal safety	5
4.4	Noise reduction	5
4.5	Vibration	5
4.6	Materials and substances processed, used or exhausted	6
4.7	Ergonomics	6
4.8	Controls	7
5	Verification	7
5.1	General conditions for tests	7
5.2	Noise	7
5.3	Vibration	8
5.4	Unintentional start	8
5.5	Power tool construction	8
5.6	Structure of verification	8
6	Information for use	9
6.1	Marking, signs and written warnings	9
6.2	Instruction handbook	9
6.3	Operating instructions	14
6.4	Data	14
6.5	Maintenance instructions	15
Annex A (informative)	List of significant hazards	16
Annex C (normative)	Symbols for labels and signs	18
Bibliography		19