

ISO 28881:2022-04 (E)

Machine tools - Safety - Electrical discharge machines

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	4
4	List of significant hazards	7
5	Safety requirements and/or protective measures	10
5.1	General requirements	10
5.2	Safety-related parts of control systems for EDM equipment and EDM systems	10
5.3	Operating modes	11
5.3.1	Operating mode selection	11
5.3.2	Protective measures relating to operating modes	11
5.4	Stop functions	14
5.4.1	Operational stop	14
5.4.2	Emergency stop	14
5.5	Specific requirements	15
6	Information for use	23
6.1	General	23
6.2	Marking, signs and written warnings	23
6.3	Instruction handbook	23
6.3.1	General	23
6.3.2	Special recommendations for EDM site preparation	24
6.3.3	Special recommendations for EDM operation	26
6.3.4	Noise	28
Annex A (informative)	Examples and schematic diagrams	29
Annex B (normative)	Noise test code	38
Annex C (informative)	Fire protection codes for special regional cases	42
Bibliography		55