



# INTERNATIONAL STANDARD ISO 28881:2013

## TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ

ORGANISATION INTERNATIONALE DE NORMALISATION

## Machine tools — Safety — Electro-discharge machines

### TECHNICAL CORRIGENDUM 1

*Machines-outils — Sécurité — Machines d'électro-érosion*

*RECTIFICATIF TECHNIQUE 1*

Technical Corrigendum 1 to ISO 28881:2013 was prepared by Technical Committee ISO/TC 39, *Machine tools*, Subcommittee SC 10, *Safety*.

*Page 28, Figure A.1*

Replace the key with the following, thus inserting key item nos. 7 and 8:

#### Key

1	machining head	9	door security system
2	machine column	10	work table
3	exhaust air extraction	11	flammable dielectric fluid container
4	electrode holder	12	fire detector
5	electrical cabinet (generator)	13	shielding of work area (Faraday cage) (guard against direct contact can be combined with shielding for EMC)
6	portable control station		
7	machine frame		
8	work tank		

**Figure A.1 — EMC shielding, fire detection and exhaust air extraction —  
Schematic example of work area shielding**

Page 29, Figure A.2

Replace the key with the following, thus inserting key item no. 13:

**Key**

1	EMC enclosure	8	door security system
2	machine column	9	machine frame
3	exhaust air extraction	10	flammable dielectric fluid container
4	electrode holder	11	work tank
5	portable control station	12	fire detector
6	electrical cabinet (generator)	13	machining head
7	work table		

**Figure A.2 — EMC shielding, fire detection and exhaust air extraction —  
Schematic example of EDM equipment shielding**

Page 51, Bibliography

Replace References [1], [2] and [3] (including footnotes) with the following, thus transposing the text of footnotes 1 and 2:

## **Bibliography**

- [1] ISO 7010, *Graphical symbols — Safety colours and safety signs — Required safety signs*<sup>1</sup>
- [2] ISO/IEC 2806:1994, *Industrial automation systems — Numerical control of machines — Vocabulary*
- [3] MAS 810:1996, *Safety standard for Fire Prevention on EDM*<sup>2</sup>

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1 The graphical symbol collections of ISO 7000, ISO 7001 and ISO 7010 are also available online in the ISO web store. For more information, consult [http://www.iso.org/iso/fr/publications\\_and\\_e-products/databases.htm](http://www.iso.org/iso/fr/publications_and_e-products/databases.htm).

2 Japan Machine Tool Builders' Association (JMTBA) standard, Japan.