

ISO 3592:2000-09 (E)

Industrial automation systems - Numerical control of machines - NC processor output; File structure and language format

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	1
3	Co-ordinate system	1
4	General structure of CLDATA	1
5	CLDATA file structure	3
5.1	General comments	3
5.2	Letters	4
5.3	Digits	5
5.4	Special characters	6
5.5	Characters	7
5.6	Symbol for literal delimiter	8
5.7	Literal character strings	9
5.8	Symbol for unary operator	10
5.9	Integer numbers	11
5.10	Real numbers	12
5.11	Keywords	13
5.12	Symbol for element separator	14
5.13	Elements	15
5.14	Symbol for record separator	16
5.15	Records	17
5.16	Symbol for file separator	18
5.17	File	19
6	Record structure	20
6.1	General comments	20
6.2	Original program sequence identification	21
6.3	Integer code type post processor command	22
6.4	Surface data	24
6.5	Relative tool position	26
6.6	Tool position	27
6.7	Post processor information	29
6.8	Starting information record	34
6.9	Relative tool direction	35
6.10	Post processor parameters	36
6.11	Part program termination	39
6.12	Unsegmented tool path	40
6.13	Part contour description	43
6.14	Literal type post processor command	50
6.15	Deferred processing record	53
6.16	Proprietary records	54
Annex A (normative)	Rules for representing the RL on record oriented media	55
Annex B (normative)	Rules used in the syntax definitions	56