

## 9.6 Major Standards List

Table 20 Major standards list

Type	Country	Symbol	Number	Year	Name of standard
Thermocouple	Japan	JIS	C 1602	1995	Thermocouples
		JIS	C 1605	1995	Mineral insulated thermocouples
	I.N.	IEC	60584-1	1995	Thermocouples Part 1:Reference Tables (Ed.2.0b:1995)
		IEC	60584-2	1982	Thermocouples Part 2: Tolerances (Amd.1 Ed.1.0b:1989)
		IEC	61515	1995	Mineral insulated thermocouple cables and thermocouples (Ed.1.0b: 1995)
	USA	ANSI / ISA	MC96.1	1982	TEMPERATURE MEASUREMENT THERMOCOUPLES (Latest year : 1982→ Move to ASTM E230)
		ASTM	E230	2012	Temperature-Electromotive Force (EMF) Tables for Standardized thermocouples
		ASTM	E608	2006	Standard Specification for Metal-Sheathed Base-Metal Thermocouples (Reapproved-2004)
	G.B.	BS	4937	Deleted	Part1~ Part8: Reference Tables (Move to BS EN 60584-1)
		BS EN	60584-1	1996	Thermocouples Part 1:Reference Tables
		BS EN	60584-2	1993	Thermocouples Part 2:Tolerances
		BS EN	61515	1996	Mineral insulated thermocouple cables and thermocouples
	Germany	DIN	43710	Deleted	Measurement and control; electrical temperature sensors; Reference Tables (Latest year :1985)
		DIN	43721	1980	Measurement and control; electrical temperature sensors; mineral insulated thermo cables and mineral insulated thermocouples
		DIN EN	60584-1	1996	Thermocouples Part 1:Reference Tables
		DIN EN	60584-2	1994	Thermocouples Part 2: Tolerances
		DIN EN	61515	1996	Mineral insulated thermocouple cables and thermocouples
Compensation cable	Japan	JIS	C1610	2012	Extension and compensating cables for thermocouples
	I.N.	IEC	60584-3	2007	Thermocouples Part 3:Extension and compensating cables-Tolerance and identification system (Ed.2.0b: 2007)
	G.B.	BS EN	60584-3	2008	Thermocouples Part 3:Extension and compensating cables-Tolerance and identification system
	Germany	DIN EN	60584-3	2008	Thermocouples Part 3:Extension and compensating cables-Tolerance and identification system
Resistance thermometer	Japan	JIS	C 1604	1997	Resistance thermometer sensors
		JEM	1252	2000	Platinum resistance thermometer sensors for rotating electrical machines
	I.N.	IEC	60751	2008	Industrial platinum resistance thermometer sensors (Amd. 2.Ed2.0b: 2008)
	USA	SAMA	RC21-4	1966	Temperature-resistance values for resistance thermometer element of platinum, nickel and copper
		ASTM	E1137	2004	Standard Specification for industrial Platinum Resistance Thermometers
	G.B.	BS EN	60751	2008	Industrial platinum resistance thermometers and platinum temperature sensors
	Germany	DIN	43760	Deleted	Electrical temperature sensors; resistance tables for sensing resistors for resistance elements (Latest: 1987, Move to DIN EN 60751)
DIN EN		60751	2009	Industrial platinum resistance thermometers and platinum temperature sensors	
Other	Japan	JIS	Z 8704	1993	Temperature measurement-electrical methods
		JIS	Z 8710	1993	Temperature measurement-general requirement
	USA	ASME	PTC 19.3	1974	Part3: Temperature Measurement (instruments and apparatus) reaffirmed 1986
		ASTM	E644	2004	Standard test Method for Testing industrial Resistance Thermometers
	G.B.	BS	1041-3	1989	Part3: Guide to selection and use of industrial Resistance Thermometers
		BS	1041-4	1992	Part4: Guide to selection and use of thermocouples

Note: For a certain reason, the standard issue year of this data should also give me as reference the standard which is not owned at our company.