

9.6 主に適用される規格一覧

表-20 適用規格一覧

種類	国名	規格	番号	年度	規格名称・備考
熱電対	日本	JIS	C 1602	2015	熱電対 (Thermocouples)
		JIS	C 1605	1995	シース熱電対 (Mineral insulated thermocouples)
	国際	IEC	60584-1	2013	Thermocouples Part 1:EMF specifications and tolerance
		IEC	60584-2	1982	Thermocouples Part 2: Tolerances (Amd.1 Ed.1.0b:1989) 廃止
		IEC	61515	1995	Mineral insulated thermocouple cables and thermocouples (Ed.1.0b:1995)
	米国	ANSI/ISA	MC96.1	1982	Temperature Measurement Thermocouples (最終年版：1982→ASTM E230へ移行) 温度目盛： IPTS-68, ISA 2011年廃止
		ASTM	E230	2012	Temperature-Electromotive Force (EMF) Tables for Standardized thermocouples
		ASTM	E608	2006	Standard Specification for Metal-Sheathed Base Metal Thermocouples (Reapproved-2004)
	英国	BS	4937	廃止	Part 1～ Part 8:Reference Tables (BS EN 60584-1へ移行)
		BS EN	60584-1	2013	Thermocouples Part 1: EMF specifications and tolerance
		BS EN	60584-2	1993	Thermocouples Part 2:Tolerances 廃止
		BS EN	61515	1996	Mineral insulated thermocouple cables and thermocouples
	独国	DIN	43710	廃止	Measurement and control; electrical temperature sensors; Reference Tables (最終年版：1985)
		DIN	43721	1980	Measurement and control; electrical temperature sensors; mineral insulated thermo cables and mineral insulated thermocouples
		DIN IEC	60584-1	2013	Thermocouples Part 1: E.M.F. specifications and tolerance
		DIN EN	60584-2	1994	Thermocouples Part 2: Tolerances 廃止
DIN EN		61515	1996	Mineral insulated thermocouple cables and thermocouples	
補償導線	日本	JIS	C1610	2012	熱電対用補償導線 (Extension and compensating cables for thermocouples)
	国際	IEC	60584-3	2007	Thermocouples Part 3: Extension and compensating cables-Tolerance and identification system (Ed.2.0b:2007)
	英国	BS EN	60584-3	2008	Thermocouples Part 3: Extension and compensating cables-Tolerance and identification system
	独国	DIN EN	60584-3	2008	Thermocouples Part 3: Extension and compensating cables-Tolerance and identification system
測温抵抗体	日本	JIS	C 1604	2013	測温抵抗体 (Platinum resistance thermometers)
		JEM	1252	2000	回転電気機械用白金測温抵抗体 (回転電気機器用測温抵抗体:銅測温抵抗体の規格が1991年版まで存続)
	国際	IEC	60751	2008	Industrial platinum resistance thermometer sensors (Amd. 2.Ed2.0b:2008)
	米国	SAMA	RC21-4	1966	Temperature-resistance values for resistance thermometer element of platinum, nickel and copper
		ASTM	E1137	2008	Standard Specification for industrial Platinum Resistance Thermometers
	英国	BS EN	60751	2008	Industrial platinum resistance thermometers and platinum temperature sensors
	独国	DIN	43760	廃止	Electrical temperature sensors; resistance tables for sensing resistors for resistance elements (最終年版:1987→DIN EN 60751へ移行)
DIN EN		60751	2009	Industrial platinum resistance thermometers and platinum temperature sensors	
その他	日本	JIS	Z 8704	1993	温度測定方法-電気的方法 (Temperature measurement-electrical methods)
		JIS	Z 8710	1993	温度測定方法通則 (Temperature measurement-general requirement)
	米国	ASME	PTC 19.3	1974	Part 3: Temperature Measurement (instruments and apparatus) reaffirmed 1986
		ASME	PTC 19.3 TW	2010	Thermowells Performance Test Codes
		ASTM	E644	2011	Standard test Method for Testing industrial Resistance Thermometers
		ASTM	E220	2007	Standard Test Method for Calibration of Thermocouples By Comparison Techniques
		SAE AMS	2750E	2012	Aerospace Material Specification Pyrometry
	英国	BS	1041-3	1989	Part 3: Guide to selection and use of industrial Resistance Thermometers
BS		1041-4	1992	Part 4: Guide to selection and use of thermocouples	

備考：弊社で所有していない規格もあるため、本データの規格発行年は参考にとどめてください。