Reference Standards

Zonzen supplies products and services to meet a variety of industry and customer specifications. Many are listed below.

Abbreviations

AMS	Aerospace Material Specification
ANSI	American National Standard Institute
ASTM	American Society of Testing and Materials
BAC	Boeing Aircraft Corporation
CSA	Canadian Standards
IEC	International Electrotechnical Commission
IEEE	Institute of Electrical and Electronic Engineers
ISO	International Standards Organization
MIL STD	Military Standard
NCSL	National Conference of Standard Laboratories
NEC	National Electrical Code
UL	Underwriters Laboratories

Specifications

AMS 2750	Pyrometry
ANSI MC96.1	Temperature Measurement Thermocouples
ANSI/NCSL Z540-1	Calibration Laboratories and Measuring and Test Equipment General Requirements
ASTM E207	Thermal EMF Test of Single Thermoelement Materials
ASTM E 220	Calibration of Thermocouples by Comparison Techniques
ASTM E 230	Standard Specification and EMF Tables for Standardized Thermocouples
BAC-5621	Temperature Control For Processing Materials
CSA-C22.2 No. 239	Control and Instrumentation Cable
IEC 584	Thermocouples
IEEE 383	Standard Test for Class 1E Cables for Nuclear Generation Stations
IS0 Guide 25	General Requirements for the Competence of Calibration and Testing Laboratories
ISO 9001-2000	ISO 9001-2000 Quality Management
MIL-STD-105	Sampling Procedures and Tables for Inspection by Attributes
MIL-STD-45662A	Calibration System Requirements
NEC Article 340	Power and Control Tray Cable
NEC Article 501	Class 1 Locations
NEC Article 725	Remote-Control, Signaling and Power-Limited Circuits
NEC Article 727	Instrumentation Tray Cable
UL 13	Power-Limited Circuit Cable
UL 62	Flexible Cord and Fixture Wire
UL 83	Thermoplastic-Insulated Wires and Cables
UL 1277	Electrical Power and Control Tray Cables
UL 1581	Reference Standard for Electrical Wires, Cables, and Flexible Cords
UL 2250	Instrumentation Tray Cable

* Thermocouple material is normally supplied to meet tolerances above 0C (32F). If material is required to meet tolerances below 0C (32F), the purchase order must so state. Special selection of material is required.

** Suggested initial calibration tolerance. Requirements should be discussed between purchaser and supplier.