

Certifications

Certificate of Compliance – A statement that the product meets the requirements of the AWS specification/classification. A summary of results may be included and may be in the form of averages, ranges or single representative values and is not necessarily from a single set of tests run at the same time, or even unique for a specific size.

Certificate of Conformance – A test report documenting that the product meets the requirements of the AWS specification/classification. The reported results shall be in the form of a single set of tests run at the same time, using representative material/product, and may be for a specific size (diameter) or for all sizes (diameters) required to be tested for classification. Actual test values for all tests required for the AWS classification shall be reported and include a date showing when these actual tests were completed. The report shall not consist of averages, ranges, or single random or “representative” values. It is not usually specific to the actual material shipped. The date when the test(s) were actually completed must be shown, but there is no requirement as to how recently they must have been completed (e.g., within 12 months of the date of the purchase order, etc.)

Certified Material Test Report (CMTR) – A test report where there is specific reference to the tests being conducted on the actual material supplied. The CMTR may contain results of some or all of the tests required for classification, or other tests as agreed upon by the purchaser and supplier. These may include:

Chemical analysis only (per each heat or lot, for the size supplied) – Schedule 3 or H per AWS A5.01, for example.

Tests listed in Table 2 of AWS A5.01 (per each heat or lot, for the size supplied) – Schedule 4 or I per AWS A5.01, for example.

All tests required for classification per the applicable AWS or ISO specification (per each heat or lot, for the size supplied) – Schedule 5 or J per AWS A5.01, for example.

Any additional tests required by the purchaser (per each heat or lot, for the size supplied) – Schedule 6 or K per AWS A5.01, for example.

Material Test Report (MTR) – A report documenting the results of tests performed by the manufacturer to fulfill the requirements of the material specification. Results of tests performed to meet supplementary or special requirements specified by the purchaser may also be included on the MTR. An MTR shall identify the applicable material specification and shall include unique identification linking it to the actual material supplied. A Certificate of Conformance, Certificate of Compliance or “Typical” Test report are not considered acceptable replacements for, or equivalent to an MTR. A CMTR is a certified copy of an MTR.

Typical Test Report (“Typical”) – A nonstandard term which does not have a consistent definition. See Certificate of Compliance or Certificate of Conformance.

Types of Certificates

Certificate of Compliance = A statement of compliance

Certificate of Conformance = A statement of compliance with results of actual tests of classification requirements on representative material

Certified Material Test Report (CMTR) = A statement of compliance with results of actual tests on the material supplied