

## Material test certificates according to EN 10204

Certificates attesting the characteristics and property values of welding filler metals are requested by customers or the inspection authorities within the framework of the acceptance testing of welded structures.

A few explanatory notes are included in this handbook with the request that they should be kept in mind when making enquiries or placing orders.

The EN standard 10204 is taken as a basis to determine the schedule of such certificates. The standard defines who is responsible for testing and authorized to sign, and whether the certificates must contain details concerning general typical values or specific test results relating to the particular delivery.

We would like to emphasize that EN 10204 does not contain the following details so that these must be specified by the customer upon ordering:

Scope of testing: e.g. type and number of tests, individual elements in case of chemical analysis tests

Consumables: e.g. type of shielding gas etc.

Test parameters: e.g. post weld heat treatment of the test piece, test temperatures

Requirements: e.g. minimum values for yield strength, tensile strength, elongation, impact values, chemical composition tolerances

Inspection society: if required.

All certificates issued in conformity with EN 10204 must be paid for and are charged separately.

## Hilco Test Reports

Typical test reports issued by Hilarius Haarlem Holland BV

Acc. to EN 10204	Issued by	Contents
2.2	HILCO QA dept.	Typical chemical analysis Typical mechanical properties Specific information about shipment
3.1	HILCO QA dept.	Actual chemical analysis Typical mechanical properties Specific information about shipment