

	PROCEDURE INSPECTION and LABORATORY TESTS P 8.2.4	Date : 04.12.2006 Revision : 1 Page : 2 / 16
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1. PURPOSE

The purpose of this procedure is to define authority, responsibilities and methods for ensuring that inspection and factory test methods are carried out under controlled conditions.

2. SCOPE

This procedure applies to laboratory tests of raw materials, dimensional inspections, welding tests , fastener test and galvanizing tests at Mitaş laboratories and workshops.

3. REFERENCES

- ISO 9001 : 2000 Item 7.5.1
- Mitaş ISO 9001 Quality Manual
- P 4.2.3 Document Control Procedure
- P 7.5.3 Product Identification and Traceability Procedure
- P 7.5.5 Preservation of Products Procedure
- P 7.6 Control of Monitoring and Measuring Devices
- P 8.2.4-01 Monitoring and Measurement Procedure
- P 8.3 Control of Nonconformity Procedure
- Operator Instructions
- Control Plans
- Standards (EN 10204, EN 10002, EN 10045, EN 6507, EN ISO 1461, BS 571-1, EN 1290, EN 1714, ISO 898-1/2, ASTM A 90, ASTM A 239, EN 25817/C)

4. METHOD

4.1 Raw Material Inspection

Purchased incoming materials are unloaded to a defined stock area and subjected to receiving inspection and testing as to verify their conformance related to acceptance inspections according to following technical methods.

4.1.1 Production Process Inputs

Incoming raw material having the same cast number, category, type and dimension presented at once is accepted as a lot to be used for lattice tower and polygonal pole production processes.

Raw materials are subjected to visual inspection as to verify quality characteristics specified in purchasing specifications such as mill deformation and surface defects and compliance of the inspection is checked according to the values of these purchasing specifications.

Raw materials are then subjected to dimensional inspection as to verify dimensional properties specified as dimensional tolerances section in purchasing specification and compliance of this inspection is checked according to purchasing specification and dimensions within the delivery notes for raw materials.

The quantity is checked and compared for compliance to the delivery note. The tolerance is $\pm 5.0\%$ of the ordered quantity.

One sample is taken and subjected to hardness testing with portable hardness tester and results are compared with mechanical values given in the purchasing specifications. In case any