

**Technical Definition**

## Nickel plating thickness measurement

**Instructions to participant laboratories**

Please read carefully these instructions **BEFORE** starting the tests.

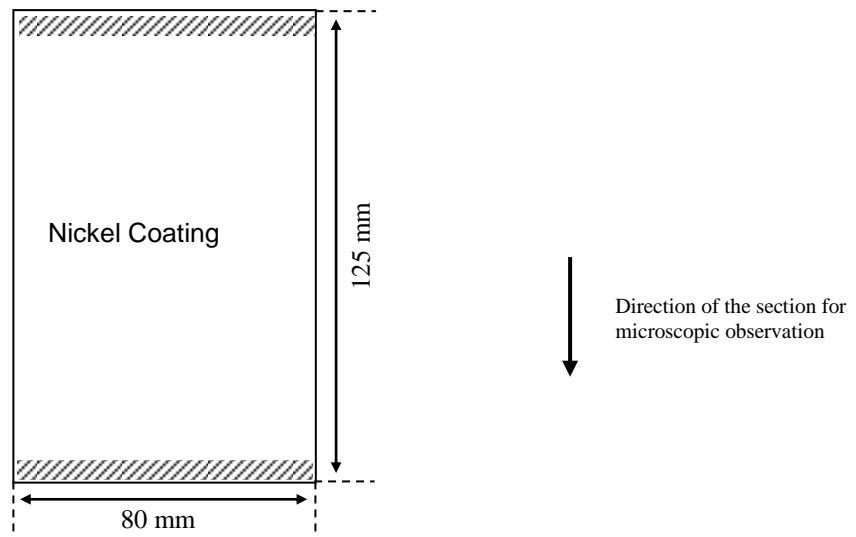
1. 1 specimen is supplied to each participant.
2. No additional machining of specimens is required.
3. Each participant is required to determine the Thickness of layers for each specimen as indicated below:

**Microscopic method**

A cross section shall be performed on the test specimens lengthways (after measurement by eddy currents method) in order to measure the thickness of the coating. The measurements shall be performed in accordance with ISO 1463 (2004). At least 10 measurements shall be done, uniformly distributed along one of the sides of the test specimens and covering the 20 mm length of the cross section. At least 2 test specimens shall be tested.

**Description of test specimens**

Material: 2024 T3



4. Testing may commence as soon as test specimens are received.
5. Instructions for submission of results: when you have performed your tests, please contact [info@ptpscheme.com](mailto:info@ptpscheme.com) or [marie-caroline.fages@ptpscheme.com](mailto:marie-caroline.fages@ptpscheme.com)
6. To ensure the confidential treatment of your results in the final report, you will be allocated a unique identity number when you register for the program.