



Technical Definition

Welding and Brazing

You shall respect the HSE policy of your laboratory for each performed test.

Instructions to participant laboratories

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

1. 2 pictures are supplied to each participant – All the visible welding imperfections in a picture must be reported. The observations have to be performed on the pictures sent by email.
In case of:
 - Exclusion of a test specimen results by yourself, you shall provide a short root cause analysis.
2. Each participant shall list the geometric imperfections on each picture in accordance with the EN ISO 6520-1 (2007).
3. Observations shall be performed respecting the following conditions:
 - One operator only
4. The following information is to be reported:

Characteristic	Mandatory / Not mandatory	Evaluated Yes/no
Classification of imperfection	Mandatory	Yes

For each picture please indicate the imperfections you observed among the below list:

- 1 - Crack
- 2 - Cavity/Porosity
- 3 - Inclusions
- 4 - Lack of fusion and penetration
- 5 - Incomplete root penetration
- 6 - Undercut
- 7 - Excess weld metal
- 8 - Misalignment
- 9 - Spatter
- 10 - Incorrect root gap for fillet welds
- 11 - Miscellaneous imperfections
- 12 - Other (indicate)

All evaluated characteristics will be compared to expected results.

5. Results are to be selected in the choices list.

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6. Examination shall start **as soon as pictures are received**. Please contact the following e-mail address for any technical or administrative query:

Submission date :	May 1st, 2018
Technical and administrative support :	info@ptpscheme.com

7. Instructions for submission of results are detailed on the website:

<https://ptpscheme.com>

8. 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.

REVISION HISTORY

Issue Date	Issue N°	Changes
06/02/2018	1	Document creation