

**Technical Definition**

Welding and Brazing

Instructions to participant laboratories

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

1. 3 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 JPEG pictures sent by email.
2. Each participant shall list the geometric imperfections on each picture in accordance with the EN ISO 6520-1 (2007) and EN ISO 6520-2 (2013).
3. Observations shall be performed respecting the following conditions:
 - One operator only
4. The following information is to be reported:
 - Classification of imperfectionFor 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)
5. Results are to be selected in the choices list.
6. Examination may commence as soon as pictures are received.
7. Instructions for submission of results : when you have performed your tests, please contact info@ptpscheme.com or marie-caroline.fages@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.