ptp.

Kit 10-6 2022 PTP Metallic

Technical Definition

Welding – Picture analysis

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. Three pictures are supplied to each participant – The evaluations have to be performed on the files provided by e-mail.

2. Each participant shall list the geometric imperfections of the three pictures in accordance with **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	**Unit**	**Significant digits**	**Mandatory / Not mandatory**	**Evaluated** Yes/no
Classification of imperfection on first picture (see list below)	N/A	N/A	Mandatory	**Yes**

For the three pictures, 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

Imperfections will be compared to expected results.

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

Pictures available from:	**February 2022**
Submission date :	**June 1st, 2022**
Technical and administrative support :	info@ptpscheme.com

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

https://ptpscheme.com

7. 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
25/01/2022	1	Document creation