



TASK FOR THE PERFORMANCE OF PROFICIENCY TEST
PROGRAM MT-06/2022/66

Test method: Magnetic - MT
Specimen No.: S 27555
Name: Plate with weld
Type/sector: weld – w
Material: steel
Dimensions: 300 x 200 mm, thickness = 10 mm

Test specification:

Test according to: EN ISO 17638
Test scheme: fluorescent oil suspension
Test extent: 100 % of the length of the cover layer of the weld + HAZ (10 mm)
Evaluation according to: EN ISO 23278, acceptance level 2X

Other requirements:

Clean the specimen after the test and remove auxiliary marking, demagnetize (max. value of the residual magnetization $B_r = 0.4 \text{ kAm}^{-1}$).

Evaluation scheme of the assigned values

Activity	Max. points
Application of the NDT method / satisfying the entry	20
○ Use / selection of the NDT technique	10
○ Determination of operation conditions	8
○ Post test procedures (cleaning the part)	2
Functional checks (equipment, gauges, lamp, UV meter...)	5
Detection of indications	30
○ Relevant indications	15
○ Non-relevant not-registered indications	5
○ Position characterization	10
Indication evaluation	33
○ Criteria application	5
○ Sizing and indication classification	8
○ Evaluation of the acceptable indication as unacceptable	5
○ Evaluation of the unacceptable indication as acceptable	15
Report - explicitness and completeness	7
Compliance "Rules for proficiency testing participants"	5
TOTAL	100

In case of ambiguity please contact:

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