

Customer: LML teenused OÜ
Õismäe tee 133-26, 13518

15 February 2016

Test Report No 123

Assignment:

Testing of fillet weld according to standard EVS EN ISO 15614-1.

Description and marking of the specimen:

Made test specie N1 and N2, supplied by the customer, rail bottom/plate 6 mm, tempered at 400°C.

Plate material S355J2.

Date of specimen receipt and testing:

Date of receipt: 10. February 2016

Date of testing: 15. February 2016

Test method:

Standards EVS EN ISO17639, EVS EN ISO5817, EVS EN ISO 9015-1.

Test equipment:

1. Microscope Zeiss Axiovert 25;
2. Camera Canon EOS 350D;
3. Vernier calliper 150 calibrated 05.2013;
4. Hardnessmeter Indentec SKV, calibrated 06.2013.

Test results:

1. **Macrostructure analysis according to standard EVS EN ISO 17639 acceptance level EVS EN ISO 5817, classification EVS EN ISO 6520-1.**

In the test pieces N1 and N2, there are no impermissible imperfections.

Weld is according to quality level B.

2. **Hardness test according to standard EVS EN ISO 9015-1 (fig.8, page 12).**

Pos	1	2	3	4	5	7	9	10	11	13
HV10	267	258	174	163	317	190	314	188	214	212
HV10	265	260	171	167	305	187	308	176	210	208
HV10	266	257	173	166	296	183	285	171	213	215
Average	266	258	173	165	306	187	302	178	212	212

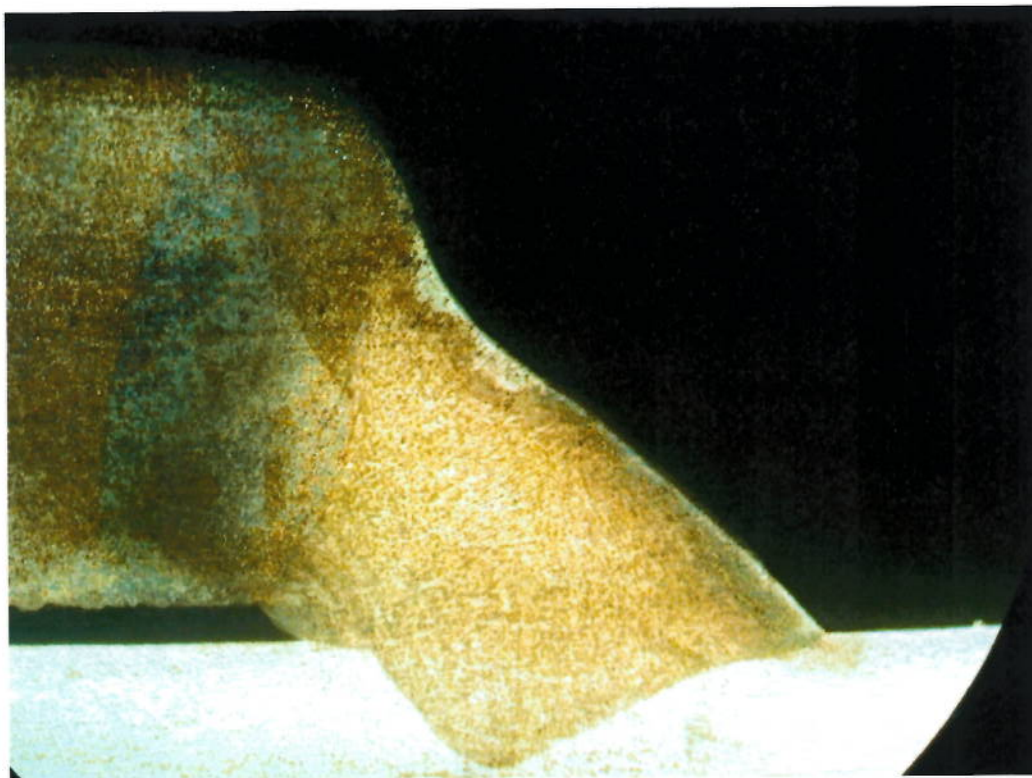
Tester

Endel Mens

Approved by

Deputy head of laboratory
M.Eng Riho Päärsoo

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Ehitajate tee 5
19086 Tallinn, Estonia

Tel. +372 620 3361
E-mail. mlab@ttu.ee

www.ttu.ee/mlab

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