



Industrie Service

Mehr Sicherheit.
Mehr Wert.

Test record

Certificate of the quality of joints at two welded seams

Order no.: 2525352
Employee in charge: Engel

Client: Agro Diary LLC
Port Baku Towers
153 Neftchiller
AZ-1010 Baku, Azerbaijan

Project: Gas pipeline project Samukh field in Azerbaijan

Subject-matter of testing: Weld 1; PE 100 pipe, black with orange stripes;
d 225 x 16.6 mm; SDR 13.6 joined by heating-
element butt welding on 08 September 2016

Weld 2; PE 100 pipe, black with orange stripes;
d 225 x 16.6 mm; SDR 13.6 joined by heating-
element butt welding on 08 September 2016

Date: 16.09.2016

Our reference:
IS-AN5-MUC/eng-kr

Document:
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NÄhte_en.docx

Report No. 2525352-2

This document comprises
2 pages.
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Scope:

- Visual examination and measurement of the pipe according to DVS standard 2202-1
- Technological bend test according to DVS 2203-5

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Receipt of sample 13 September 2016

The test results refer exclusively to the units under test.

Date of testing 16 September 2016



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Industrie Service

Test pieces:



Weld 1



Weld 2

Test results:

Visual examination and measurement of the pipe according to DVS standard 2202-1

Assessment was based on the criteria of evaluation group I (high requirements for safety and/or stress resistance). According to the visual examination and measurement of the dimensions, the two welds fulfil the criteria of evaluation group I.

Technological bending test according to DVS 2203-5

| Weld: | Minimum bending angle (°) | Actual bending angle (°) | |
|-------|------------------------------|-----------------------------|------|
| | | Min: | Max: |
| 1 | 58 | 140 | 140 |
| 2 | 58 | 140 | 140 |

Both welds fulfil the requirements regarding the bending angle in the technological bending test as per DVS 2203-1

Institute for Plastics

i. A. Engel

