

**CERTIFICATE**

Reg. Nr

2. Designation **EN ISO 9606-1 135/136 P BW FM1 S s 16,0 PF ss nb/ss mb**3. Certification body : Bureau Technical Inspection OÜ  
Reference no. :

4. WPS No. : 135/136-16  
5. Welder's name :  
6. Identification :  
7. Method of Identification :  
8. Date and place of birth :  
9. Employer : MTÜ Kesklinna Keskus  
10. Code / Testing Standard : PED 201 : U; EN ISO 9606-1:  
11. Job knowledge : not tested

| 12.                               | Weld test details                                                | Range of qualification              |
|-----------------------------------|------------------------------------------------------------------|-------------------------------------|
| 13. Welding process(es)           | 135/136                                                          | 135, 138 / 136                      |
| 13.a Transfer mode                | G                                                                | G                                   |
| 14. Product type (plate or pipe)  | P                                                                | T; P                                |
| 15. Type of weld                  | BW                                                               | BW                                  |
| 16. Parent material groups(s)     | 1.2                                                              | 1 to 11                             |
| 16.a Filler material group(s)     | FM1                                                              | FM1, FM2                            |
| 17. Filler material (Designation) | (EN ISO 14341-A: G3Si1) S<br>(EN ISO 17632-A: T 46 4 P M 1 H5) P | S, M<br>R, P, V, W, Y, Z            |
| 18. Gas/Flux                      | EN ISO 14175-M21                                                 | -                                   |
| 18.a Auxiliaries                  | -                                                                | -                                   |
| 19. Type of current and polarity  | DC (+)                                                           | -                                   |
| 20. Material thickness (mm)       |                                                                  |                                     |
| 20.a Deposited thickness (mm)     | 16,0                                                             | 135: 3,0 to 8,0 136: >= 3,0         |
| 21. Outside pipe diameter(mm)     |                                                                  | PA, PF fix:>= 500                   |
| 22. Welding position (s)          | PF                                                               | PA, PF                              |
| 23. Weld details                  | ss nb / ss mb                                                    | ss nb, ss mb, bs / ss mb, bs, ss fb |
| 23.a Single layer/multi layer     | ml                                                               | sl, ml                              |

Additional information:

| Type of test                 | Performed and accepted | Not required |
|------------------------------|------------------------|--------------|
| 27. Visual testing           | X                      |              |
| 28. Ultrasonic testing       | X                      |              |
| 29. Macroscopic examination  |                        | X            |
| 30. Fracture testing         |                        | X            |
| 31. Tensile testing          |                        | X            |
| 32. Bend testing             |                        | X            |
| 33. Magnetic Particle        |                        | X            |
| 34. Hardness testing         |                        | X            |
| 35. Impact testing           |                        | X            |
| 36. Liquid penetrate testing |                        | X            |

37. Confirmation for the certificate by employer/welding coordinator for the following 6 months ( EN ISO 9606-1 it. 9.3)

| Date | Signature | Position or title |
|------|-----------|-------------------|
|      |           |                   |

24. Date of welding : 19.06.2018  
25. Place : Estonia, Tallinn  
26. Validity of approval : 18.06.2021

Detsident

(person, responsible for certification decision)

| Date | Signature | Position or title |
|------|-----------|-------------------|
|      |           |                   |