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|  | Attachment  |  |
| to Accreditation certificate  |  |
| № BY/112 144.01 |  |
| dated 21.11.2022 |  |
| form № \_\_\_\_ |  |
| 3 pages |  |
| Revision 03 |  |

**SCOPE OF ACCREDITATION**

29st january 2024
Personnel Certification Body of

Research and Training Centre “Testing and Diagnostics”

(RTC Testing and diagnostics)

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| №  | Conformity assessment object (NDT method) | Index of the conformity assessment object | Qualification level  | Product sector/ industrial sector1 | Normative documents in the field of technical regulation and standardization related to |
| Designation | Abbreviated terms | conformity assessment object  | certification procedure  |

|  |  |  |  |  |  |  |  |
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| **1**  | **2**  | **3** | **4** | **5** | **6** | **7** | **8** |
|  | Competence of NDT personnel |
| 1 | Acoustic emission testing | **AT** | 09.01.01 | 1, 2, 3  | (c, f, w, t, wp)m, s, r, a | ISO 9712:2021EN ISO 9712:2022GOST R ISO 9712-2023S(SP) RD-05-20222 | ISO 9712:2021EN ISO 9712:2022GOST R ISO 9712-2023S(SP) RD-05-20222 |
| 2 | Eddy current testing | **ET** | 09.01.02 | 1, 2, 3  |  (c, f, w, t, wp)m, s, r, a  |
| 3 | Leak testing | **LT** | 09.01.03 | 1, 2, 3  | (c, f, w, t, wp)m, s, a  |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** |
| 4 | Magnetic testing | **MT** | 09.01.04 | 1, 2, 3  |  (c, f, w, t, wp)m, s, r, a |  |  |
| 5 | Penetrant testing | **PT** | 09.01.05 | 1, 2, 3  |  (c, f, w, t, wp)m, s, r, a  |
| 6 | Radiographic testing  | **RT** | 09.01.06 | 1, 2, 3  | (c, f, w, t, wp)m, s, r, a |
| 7 | Ultrasonic testing | **UT** | 09.01.07 | 1, 2, 3 |  (c, f, w, t, wp)m, s, r, a |
| **UTm** | 09.01.08 |
| 8 | Visual testing | **VT** | 09.01.09 | 1, 2, 3 |  (c, f, w, t, wp)m, s, r, a |
| 9 | Thermographic testing | **TT** | 09.01.10 | 1, 2, 3 | (c, f, w, t, wp, mmc)m, s, r, a |
| 10 | Vibrodiagnostics | **Vdt** | 09.01.11 | 1, 2, 3  |  (c, f, w, t, wp)m, s, r, a |
| 11 | Electrical testing | **EIT** | 09.01.12 | 1, 2, 3  |  (c, f, w, t, wp)m, s, r, a |

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|  *1Product sector/industrial sector*2 *S(SP) RD-05-2022 Scheme of certification of NDT personnel* |
| *Product sector* |  | *Industrial sector* | *Abbreviation* | *Product sectors* |
| *Metallic materials* |
| *Sector* | *Abbreviation* |  | *Manufacturing including shipbuilding and shiprepair* | *m* | *f, c, t, w, wp* |
| *Castings* | *с* |
| *Forgings* | *f* |  | *Pre- and in-service testing which includes manufacturing* | *s* | *f, c, t, w, wp* |
| *Welds* | *w* |
| *Tubes and pipes* | *t* |  | *Railway maintenance* | *r* | *f, c, t, w, wp* |
| *Wrought products* | *wp* |  | Aerospace | *a* | *f, c, t, w, wp, mmc* |
| *Composite materials* |
| *Metal matrix composites* | *mmс* |
| **Competence of personnel in the field of welding**

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| --- | --- | --- | --- |
| № | Conformity assessment object(level of competence) | Index of the conformity assessment object  | Normative documents in the field of technical regulation and standardization related to |
| conformity assessment object  | certification procedure  |
| 1 | 2 | 3 | 4 | 5 |
| 1 | Welder | 09.02.01 | EN ISO 9606-1: 2017ISO 9606-1:2012GOST R ISO 9606-1-2020EN ISO 9606-2:2004ISO 9606-2:2004GOST R ISO 53688-2009EN ISO 9606-3:1999ISO 9606-3:1999GOST R ISO 53687-2009EN ISO 9606-4:1999ISO 9606-4:1999GOST R ISO 54006-2010EN ISO 9606-5:2000ISO 9606-5:2000S(SP) RD-06-20222  | EN ISO 9606-1: 2017ISO 9606-1:2012GOST R ISO 9606-1-2020EN ISO 9606-2:2004ISO 9606-2:2004GOST R ISO 53688-2009EN ISO 9606-3:1999ISO 9606-3:1999GOST R ISO 53687-2009EN ISO 9606-4:1999ISO 9606-4:1999GOST R ISO 54006-2010EN ISO 9606-5:2000ISO 9606-5:2000S(SP) RD-06-20222  |
| 2 | Welding operator | EN ISO 14732:20131GOST R ISO 14732-2022S(SP) RD-06-20222  | EN ISO 14732:20131GOST R ISO 14732-2022S(SP) RD-06-20222  |

*1 according to EN ISO 14732:2013 the title of conformity assessment object is “welding operator for mechanized and automatic welding” (“welding operator”).**2 S(SP) RD-06-2022 Scheme of certification of welders and welding operators.* |
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Head of Accreditation body

of the Republic of Belarus -

Director of the Republican Unitary Enterprise

“Belarusian State Centre for Accreditation” Y.V. Berazhnykh