**ORDER**

**No. A 196**

**Sofia, 29.05.2024**

Pursuant of Art. 10, para. 1, item 4, Art. 28, para. 1 of the Law on National Accreditation of Conformity Assessment bodies and item 4.3.7 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure № 15/115 OKС/ПА/06.10.2023, report № 15/115 OKA/4/В/01.02.2024 and opinion of the Accreditation Commission № 15/115 OKA/ПА/5/B/09.05.2024, I hereby

**To perform inspection according of the following scope:**

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| --- | --- | --- | --- | --- | --- |
| **Scope type:** *flexible\** | | | | | |
| **№** | **Field of Inspection** | **Type** **of Inspection** | **Parameter of Inspection / Characteristic** | **Test and Measurement Methods Used During Inspection** | **Regulations, Standards, Specifications, Schemes** |
| **1** | **2** | **3** | **4** | **5** | **6** |
| 1 | Pipelines – industrial and main ( cross-country ) for different mediums ( Fluids); gas equipment and installations; storage tanks for various mediums; pressure vessels, high- and low-pressure boilers, including steam and hot water pipelines; lifting and transport equipment and machines by: main metal, joints and products obtained by welding; parts and articles obtained by casting and deformation | Initial and/or periodic Inspection of new equipments and products and/or equipments and products in service | Type, size and location of discontinuities/ imperfections | Radiographic testing:  РПК – 1  БДС EN ISO 17636-1  БДС EN 12681-1 | НУБЕТНСН –  (art.19, 20, 21, 53, 181, 218, 269, 273),  SG issue 64/2008  НУБЕТНГСИВВГ –  (art. 105),  SG issue 82/2004  НУБЕПРГСИУПГ –  (art. 6,9),  SG issue 67/2004  ПИПСМР/2005  БДС EN 12953-5  БДС EN13445-5  БДС EN 286-1  БДС EN ISO 10675-1  БДС EN ISO 5817  БДС EN 12681-1  БДС EN ISO 6520-1  БДС 13060  TS |
| 2 | Pipelines – industrial and main ( cross-country ) for different mediums ( Fluids); gas equipment and installations; storage tanks for various mediums; pressure vessels, high- and low-pressure boilers, including steam and hot water pipelines; lifting and transport equipment and machines by: main metal, joints and products obtained by welding; parts and articles obtained by casting and deformation | Inspection of new equipments and products and equipments and products in service | Type, size and location of imperfections | Ultrasonic testing (UT) :  RPK – 2  БДС EN 10160  БДС EN ISO 23279  БДС EN ISO 17640  БДС EN 10228-3,4  БДС EN 12680-1,2  БДС EN12680 -3  БДС EN ISO 22825  БДС 9824  БДС 10037 Repealed but not replaced  БДС 14923 | НУБЕТНСН–  (art.19, 20, 21, 53, 181, 218, 269, 273),  SG issue 64/2008  НУБЕТНГСИВВГ –  (art. 105),  SG issue 82/2004  НУБЕПРГСИУПГ –  (art. 6,9),  SG issue 67/2004  ПИПСМР/2005  БДС EN 12953-5  БДС EN 13445-5  БДС EN 286-1  БДС EN 10160  БДС EN ISO 11666  БДС EN 10228-3,4  БДС EN ISO 5817  БДС EN 12680- 1,2  БДС EN 12680 -3  БДС EN ISO 22825  БДС 9824  БДС 10037 Repealed but not replaced  БДС 14923  TS |
| 3 | Pipelines – industrial and main ( cross-country ) for different mediums ( Fluids); gas equipment and installations; storage tanks for various mediums; pressure vessels, high- and low-pressure boilers, including steam and hot water pipelines; lifting and transport equipment and machines by: main metal, joints and products obtained by welding; parts and articles obtained by casting and deformation | Inspection of new equipments and products and equipments and products in service | Wall thickness | Ultrasonic testing (UT):  РПК – 3  БДС EN ISO 16809 | НУБЕТНСН –  (art.19, 20, 21, 53, 181, 218, 269, 273),  SG issue 64/2008  НУБЕТНГСИВВГ–  (art. 105),  SG issue 82/2004  НУБЕПРГСИУПГ –  (art. 6,9),  SG issue 67/2004  ПИПСМР/2005  БДС EN 12953-5  БДС EN13445-5  БДС EN 286-1  TS |
| 4 | Pipelines – industrial and main ( cross-country ) for different mediums ( Fluids); gas equipment and installations; storage tanks for various mediums; pressure vessels, high- and low-pressure boilers, including steam and hot water pipelines; lifting and transport equipment and machines by: main metal, joints and products obtained by welding; parts and articles obtained by casting and deformation | Inspection of new equipments and products and equipments and products in service | Type, size and location of imperfections | Magnetic particle testing:  РПК – 4  БДС EN ISO 17638  БДС EN 1369  БДС EN 10228 - 1  БДС EN ISO 9934 - 1  БДС EN ISO10893 - 5 | НУБЕТНСН –  (art.19, 20, 21, 53, 181, 218, 269, 273),  SG issue 64/2008  НУБЕТНГСИВВГ –  (art. 105),  SG issue 82/2004  НУБЕПРГСИУПГ –  (art. 6,9),  SG issue 67/2004  ПИПСМР/2005  БДС EN 12953-5  БДС EN13445-5  БДС EN 286-1  БДС EN ISO 23278  БДС EN 1369  БДС EN 10228 - 1  БДС EN ISO10893 - 5  БДС EN ISO 5817  TS |
| 5 | Pipelines – industrial and main ( cross-country ) for different mediums ( Fluids); gas equipment and installations; storage tanks for various mediums; pressure vessels, high- and low-pressure boilers, including steam and hot water pipelines; lifting and transport equipment and machines by: main metal, joints and products obtained by welding; parts and articles obtained by casting and deformation | Inspection of new equipments and products and equipments and products in service | Type, size and location of imperfections | Penetrant testing (PT):  РПК– 5  БДС EN ISO 3452-1  БДС EN1371-1  БДС EN 1371-2  БДС EN 10228 -2  БДС EN ISO 10893-4 | НУБЕТНСН –  (art.19, 20, 21, 53, 181, 218, 269, 273),  SG issue 64/2008  НУБЕТНГСИВВГ –  (art. 105),  SG issue 82/2004  НУБЕПРГСИУПГ –  (art. 6,9),  SG issue 67/2004  ПИПСМР/2005  БДС EN 12953-5  БДС EN13445-5  БДС EN 286-1  БДС EN ISO 23277  БДС EN1371-1  БДС EN 1371-2  БДС EN 10228 -2  БДС EN ISO 10893-4  БДС EN ISO 5817  TS |
| 6 | Pipelines – industrial and main ( cross-country ) for different mediums ( Fluids); gas equipment and installations; storage tanks for various mediums; pressure vessels, high- and low-pressure boilers, including steam and hot water pipelines; lifting and transport equipment and machines by: main metal, joints and products obtained by welding; parts and articles obtained by casting and deformation | Inspection of new equipments and products and equipments and products in service | Type, size and location of imperfections | Visual testing (VT):  РПК – 6  БДС EN ISO 17637  БДС EN 13018 | НУБЕТНСН –  (art.19, 20, 21, 53, 181, 218, 269, 273),  SG issue 64/2008  НУБЕТНГСИВВГ–  (art. 105),  SG issue 82/2004  НУБЕПРГСИУПГ –  (art. 6,9),  SG issue 67/2004  ПИПСМР/2005  БДС EN 12953-5  БДС EN13445-5  БДС EN 286-1  БДС EN ISO 5817  БДС EN 1370  TS |
| 7 | Pipelines – industrial and main ( cross-country ) for different mediums ( Fluids); gas equipment and installations; storage tanks for various mediums; pressure vessels, high- and low-pressure boilers, including steam and hot water pipelines; lifting and transport equipment and machines by: main metal, joints and products obtained by welding; parts and articles obtained by casting and deformation | Inspection of new equipments and products and equipments and products in service | Continuity of insulation | Holiday testing:  РПК – 7  БДС 15705  БДС 2324 | НУБЕТНСН–  (art.19, 20, 21, 53, 181, 218, 269, 273),  SG issue 64/2008  НУБЕТНГСИВВГ –  (art. 15),  SG issue 82/2004  НУБЕПРГСИУПГ–  (art. 23),  SG issue 67/2004  ПИПСМР/2005  TS |

*Introduction of a new version of standards/documents or standards/documents that replace them is permitted. An up-to-date list of standards/documents with their dated versions shall be provided by the CAB.*

НУБЕТНСН - Ordinance on design, safe operation and technical inspection of pressure equipment, (promulgated in SG issue 64/2008) ;

НУБЕТНГСИВВГ —Design, safe operation and technical inspection of gas facilities and installations for liquefied carbon gases" (Promulgated SG issue 82/2004);

НУБЕПРГСИУПГ - Ordinance on design and safe operation of transmission and distribution gas pipelines and plants, installations and equipment for natural gas, (promulgated SG Issue 67 /2004);

ПИПСМР-2005 — Rules on conduct and acceptance of construction and installation works;