**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 – 1БДС EN ISO 17636-1БДС EN 12681-1 | НУБЕТНСН – (art.19, 20, 21, 53, 181, 218, 269, 273),SG issue 64/2008НУБЕТНГСИВВГ – (art. 105),SG issue 82/2004НУБЕПРГСИУПГ –(art. 6,9),SG issue 67/2004ПИПСМР/2005БДС EN 12953-5БДС EN13445-5БДС EN 286-1БДС EN ISO 10675-1БДС EN ISO 5817БДС EN 12681-1БДС EN ISO 6520-1БДС 13060TS |
| 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 – 2БДС EN 10160БДС EN ISO 23279БДС EN ISO 17640БДС EN 10228-3,4БДС EN 12680-1,2БДС EN12680 -3БДС EN ISO 22825БДС 9824БДС 10037 Repealed but not replacedБДС 14923 | НУБЕТНСН– (art.19, 20, 21, 53, 181, 218, 269, 273),SG issue 64/2008НУБЕТНГСИВВГ – (art. 105),SG issue 82/2004НУБЕПРГСИУПГ –(art. 6,9),SG issue 67/2004ПИПСМР/2005БДС EN 12953-5БДС EN 13445-5БДС EN 286-1БДС EN 10160БДС EN ISO 11666БДС EN 10228-3,4БДС EN ISO 5817БДС EN 12680- 1,2БДС EN 12680 -3БДС EN ISO 22825БДС 9824БДС 10037 Repealed but not replacedБДС 14923TS |
| 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 – 3БДС EN ISO 16809 | НУБЕТНСН – (art.19, 20, 21, 53, 181, 218, 269, 273),SG issue 64/2008НУБЕТНГСИВВГ– (art. 105),SG issue 82/2004НУБЕПРГСИУПГ –(art. 6,9),SG issue 67/2004ПИПСМР/2005БДС EN 12953-5БДС EN13445-5БДС EN 286-1TS |
| 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 – 4БДС EN ISO 17638БДС EN 1369БДС EN 10228 - 1БДС EN ISO 9934 - 1БДС EN ISO10893 - 5 | НУБЕТНСН – (art.19, 20, 21, 53, 181, 218, 269, 273),SG issue 64/2008НУБЕТНГСИВВГ – (art. 105),SG issue 82/2004НУБЕПРГСИУПГ –(art. 6,9),SG issue 67/2004ПИПСМР/2005БДС EN 12953-5БДС EN13445-5БДС EN 286-1БДС EN ISO 23278БДС EN 1369БДС EN 10228 - 1БДС EN ISO10893 - 5БДС EN ISO 5817TS |
| 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– 5БДС EN ISO 3452-1БДС EN1371-1БДС EN 1371-2БДС EN 10228 -2БДС EN ISO 10893-4 | НУБЕТНСН – (art.19, 20, 21, 53, 181, 218, 269, 273),SG issue 64/2008НУБЕТНГСИВВГ – (art. 105),SG issue 82/2004НУБЕПРГСИУПГ –(art. 6,9),SG issue 67/2004ПИПСМР/2005БДС EN 12953-5БДС EN13445-5БДС EN 286-1БДС EN ISO 23277БДС EN1371-1БДС EN 1371-2БДС EN 10228 -2БДС EN ISO 10893-4БДС EN ISO 5817TS |
| 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 – 6БДС EN ISO 17637БДС EN 13018 | НУБЕТНСН – (art.19, 20, 21, 53, 181, 218, 269, 273),SG issue 64/2008НУБЕТНГСИВВГ– (art. 105),SG issue 82/2004НУБЕПРГСИУПГ –(art. 6,9),SG issue 67/2004ПИПСМР/2005БДС EN 12953-5БДС EN13445-5БДС EN 286-1БДС EN ISO 5817БДС EN 1370TS |
| 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 – 7БДС 15705БДС 2324 | НУБЕТНСН– (art.19, 20, 21, 53, 181, 218, 269, 273),SG issue 64/2008НУБЕТНГСИВВГ – (art. 15),SG issue 82/2004НУБЕПРГСИУПГ–(art. 23),SG issue 67/2004ПИПСМР/2005TS |

*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;