



ORDER

No. A 83

Sofia, 26.02.2024

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 of re-accreditation with reg. № 8/125 ОКC/ПА/ 30.06.2023, evaluation report № 8/125 ОКC/5/B/27.10.2023 and opinion of the Accreditation Commission № 8/125 ОКC/ПА/B/21.02.2024, I hereby

RE-ACCREDIT

**INSPECTION BODY PERFORMING DEFECTOSCOPIC INSPECTION TYPE C
at NEK EAD, enterprise Hydroelectric Power Plants, city of Plovdiv**

Management and office address: 4003 Plovdiv, 244 Vasil Levski Str.

To perform inspection of:

Scope type: <i>Flexible</i> *					
№	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.	Water turbines, water turbine blades, penstocks, hydro-technical equipment, pneumatic and hydraulic cylinders, pressure vessels, gas equipment and installations, base metal and welded joints.	Initial and/or periodic inspection of new products and equipment and/or products and equipment already in operation	Type and size of internal imperfections/ discontinuities	Radiographic inspection method РПК 7 БДС EN ISO 17636-1 БДС EN 12681-1 БДС EN ISO 10893-6	НУБЕТНСПН, Art.19, Art.21, Art.53, SG, issue 64/18.07.2008 НУБЕПРГСИУПГ, Art.9, SG, issue 67/2004 НУБЕТНГСИБВГ, Art.105, SG, issue 82/2004 TS CCH 70-3 RT 70-3 БДС EN ISO 5817 БДС EN 13445-5 БДС EN 286-1 БДС EN ISO 17636-1 БДС EN 10675-1 БДС EN ISO 6520-1 БДС EN 12681-1 БДС EN ISO 10893-6 БДС 13060
2.	Water turbines, water turbine blades, penstocks, hydro-technical equipment, pneumatic and hydraulic cylinders, pressure vessels, gas equipment and installations,	Initial and/or periodic inspection of new products and equipment and/or products and equipment already in operation	Type and size of internal imperfections/ discontinuities	Ultrasonic inspection method. РПК 1 БДС 9233 БДС EN ISO 16810 БДС EN ISO 16811 БДС EN ISO 10160 БДС EN ISO 10228-3 БДС EN ISO 10228-4 БДС EN ISO 10893-8 БДС EN ISO 10893-10	НУБЕТНСПН, Art.19, Art.21, Art.53, SG, issue 64/18.07.2008 НУБЕПРГСИУПГ, Art.9, SG, issue 67/2004 НУБЕТНГСИБВГ, Art.105, SG, issue 82/2004 TS CCH 70-3 UT 70-3 БДС EN 13445-5 БДС EN ISO 10160

	base metal and welded joints.			БДС EN 10308 БДС 13661 БДС 9824 БДС EN ISO 23279 БДС EN ISO 17640 БДС EN ISO 12680-1 БДС EN ISO 12680-2 БДС EN ISO 12680-3 БДС 16323	БДС EN 10308 БДС EN ISO 10228-3 БДС EN ISO 10228-4 БДС EN ISO 10893-8 БДС EN ISO 10893-10 БДС 13661 БДС EN ISO 11666 БДС 9824 БДС EN ISO 12680-1 БДС EN ISO 12680-2 БДС EN ISO 12680-3 БДС EN ISO 5817 БДС 16323
3.	Water turbines, water turbine blades, penstocks, hydro-technical equipment, pneumatic and hydraulic cylinders, pressure vessels, gas equipment and installations, base metal and welded joints.	Initial and/or periodic inspection of new products and equipment and/or products and equipment already in operation.	Thickness of walls.	Ultrasonic inspection method. РПК 2 БДС EN ISO 16809 БДС EN ISO 10893-12	НУБЕТНСПН, Art.19, Art.21, Art.53, SG, issue 64/18.07.2008 НУБЕПРГСИУПГ, Art.9, SG, issue 67/2004 НУБЕТНГСИБВГ, Art.105, SG, issue 82/2004 TS БДС EN ISO 10893-12
4.	Water turbines, water turbine blades, penstocks, hydro-technical equipment, pneumatic and hydraulic cylinders, pressure vessels, gas equipment and installations, base metal and welded joints.	Initial and/or periodic inspection of new products and equipment and/or products and equipment already in operation.	Type and size of surface imperfections/discontinuities	Magnetic particle inspection method. РПК 3 БДС EN ISO 9934-1 БДС EN ISO 17638 БДС EN ISO 10228-1 БДС EN ISO 10893-5 БДС EN 1369 БДС 15575 БДС 7156	НУБЕТНСПН, Art.19, Art.21, Art.53, SG, issue 64/18.07.2008 НУБЕПРГСИУПГ, Art.9, SG, issue 67/2004 НУБЕТНГСИБВГ, Art.105, SG, issue 82/2004 TS CCH 70-3 MT 70-3 БДС EN 13445-5 БДС EN ISO 23278 БДС EN 10228-1 БДС EN ISO 10893-5 БДС EN ISO 5817 БДС EN 1369
5.	Water turbines, water turbine blades, penstocks, hydro-technical equipment, pneumatic and hydraulic cylinders, pressure vessels, gas equipment and installations, base metal and welded joints	Initial and/or periodic inspection of new products and equipment and/or products and equipment already in operation.	Type and size of surface imperfections/discontinuities	Liquid penetrant inspection method. РПК 4 БДС EN ISO 3452-1 БДС EN ISO 3452-5 БДС EN ISO 3452-6 БДС EN 10228-2 БДС EN ISO 10893-4 БДС EN 1371-1	НУБЕТНСПН, Art.19, Art.21, Art.53, SG, issue 64/18.07.2008 НУБЕПРГСИУПГ, Art.9, SG, issue 67/2004 НУБЕТНГСИБВГ, Art.105, SG, issue 82/2004 TS CCH 70-3 RT 70-3 БДС EN 13445-5 БДС EN ISO 23277 БДС EN 10228-2 БДС EN ISO 10893-4 БДС EN ISO 5817 БДС EN 1371-1

6.	Water turbines, water turbine blades, penstocks, hydro-technical equipment, pneumatic and hydraulic cylinders, pressure vessels, gas equipment and installations, base metal and welded joints.	Initial and/or periodic inspection of new products and equipment and/or products and equipment already in operation.	Brinell, Vickers and Rockwell hardness testing of the base metal and welded joints	Inspection of hardness by the dynamic method. РПК 5 ASTM A 956/ A 956M БДС EN ISO 9015-1 БДС EN ISO 18265	TS
7.	Water turbines, water turbine blades, penstocks, hydro-technical equipment, pneumatic and hydraulic cylinders, pressure vessels, gas equipment and installations, base metal and welded joints.	Initial and/or periodic inspection of new products and equipment and/or products and equipment already in operation.	Type and size of surface imperfections/ discontinuities	Visual inspection method. РПК 6 БДС EN ISO 17637	НУБЕТНСПН, Art.19, Art.21, Art.53, SG, issue 64/18.07.2008 НУБЕПРГСИУПГ, Art.9, SG, issue 67/2004 НУБЕТНГСИБВГ, Art.105, SG, issue 82/2004 TS БДС EN 13445-5 БДС EN ISO 5817 БДС EN 286-1

** Introduction of new versions of standards/documents or superseding standards/documents is allowed. An updated list of standards/documents with their dated versions is provided by the CAB.*

НУБЕПРГСИУПГ – Ordinance on the design and safe operation of transmission and distribution pipelines and of natural gas facilities, installations and appliances (State Gazette No. 67/2004).

НУБЕТНГСИБВГ – Ordinance on the design, safe operation and technical supervision of gas facilities and liquid hydrocarbon gas installations (State Gazette No.82/2004)

НУБЕТНСПН – Ordinance on the design, safe operation and technical supervision of pressure equipment (State Gazette No.64/2008)

TS – Client's technical specification

I ORDER

To issue the Certificate of Accreditation reg. № 125 OKC of 26.02.2024, valid until 26.02.2028, and this order enclosed as an integral part thereof.

The certificate of accreditation with the enclosure should be obtained from representative of the NEK JSC, enterprise Hydroelectric Power Plants, city of Plovdiv, the Head of the CAB or other authorized person in the building of EA BAS.

Upon receipt of the issued certificate of accreditation and application, the accredited person is obliged to return to BAS EA the originals of the certificate of accreditation Reg. No. 125 OKC/ 19.02.2021 valid until 25.02.2024 and application-order No. A 76 of 19.02.2021.

This Order shall be notified to legal entity / sole trader within 3 (three) days from its issuance.

Eng. Irena Borislavova
Executive Director of EA BAS

