Hellenic Accreditation System

Annex C5/19 to the Certificate No. **591**-9

SCOPE of ACCREDITATION

of

SWISS APPROVAL TECHNISCHE BEWERTUNG SOCIETE ANONYME

as a Type A Inspection Body
in the voluntary sector and / or
according to the National Legislative Regulations

Field of Inspection	**Type of Inspection**	**Normative Regulations / Standards / In house procedures**
Lifting equipment	Initial Inspection (Type AA) and periodic re-inspection (Type A and Type B)	-M.D. 15085/593 (G.G 1186B /25.8.2003) «Regulation for inspection of Lifting Equipment»
1. Cranes which are in function near the sea such as cranes in shipping construction, cranes for port services e.t.c		Class Y1, F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994 DIN 15018:Part 1,2
2. Cranes used in steel industries, foundries or other plants where dangerous materials (such as flammable explosives toxics) are transported. Cranes with lifting capacity equal or more than 2 tn.		Class Y1, F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994 DIN 15018:Part 1,2,3
3. Cranes used in steel industries, foundries or other plants where dangerous materials (such as flammable explosives toxics) are transported. Cranes with lifting capacity equal or more than 2 tn.		Class Y2, F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994 DIN 15018:Part 1,2

Field of Inspection	Type of Inspection	Normative Regulations / Standards / In house procedures
Lifting equipment	Initial Inspection (Type AA) and periodic re-inspection (Type A and Type B)	-M.D. 15085/593 (G.G 1186B /25.8.2003) «Regulation for inspection of Lifting Equipment»
4. Bridge cranes with lifting capacity equal or more than 5tn.		Class Y1, F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994 DIN 15018:Part 1,2
5. Bridge cranes with the lifting capacity less than 5 tn.		Class Y2, F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994 DIN 15018:Part 1,2
6. Tower cranes for buildings		Class Y1, F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994 DIN 15018:Part 1,2
7. Small cranes for constructions up to 250 kg		Medium Risk F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994 DIN 15018:Part 1,2,3
8. Vehicle lifting platforms more than 4m.		Class Y1, F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994 DIN 15018:Part 1,2
9. Fixed jib cranes and fixed mast cranes with lifting capacity more than 2 tn.		Class Y1, F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994 DIN 15018:Part 1,2
10. Fixed jib cranes and fixed mast cranes with lifting capacity less than 2 tn.		Class Y2, F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994(E) DIN 15018:Part 1,2
11. Devices for the lifting of persons involving a risk of failing from a vertical height of more than 3 m.		Class Y2, F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994 DIN 15018:Part 1,2 Dir.98/37/EC–Par.1-§6
12. Lifting machinery as mobile cranes, mobile basket cranes, Cranes- excavators, Bridge Cranes.		Class Y2, F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994 DIN 15018:PART 1,2,3 Dir.98/37/EC–par.1-§6

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Lifting equipment	Initial Inspection (Type AA) and periodic re-inspection (Type A and Type B)	-M.D. 15085/593 (G.G 1186B /25.8.2003) «Regulation for inspection of Lifting Equipment»
13. Lifting platforms for house appliances, lifting equipment for airplane.		ELOT EN 81.3
14. Lifts of handicapped people in airplane, mobile elevators of work platforms		Medium Risk, F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994 DIN 15018:Part 1,2 ,3
15. Pump concrete		Medium Risk, F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994 ELOT EN 12001
16. Fork lifts		Medium Risk, F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994 ISO 2331
17. Vehicles lifting platforms up to 4m		Medium risk, F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994 DIN 15018:Part 1,2
18. Cranes for collecting vehicles		Low risk, F.E.M. 1.001 ISO 9927-1:1994 DIN 15018:Part 1,2
19. Manually controlled lifting cranes more than 100 kg.		Low risk, F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994 DIN 15018:Part 1,2
20. Stable lifting platforms.		Low risk, F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994 ELOT EN 81.3
21. Hydraulic devices for scissors platforms with lifting capacity more than 200kg		Low risk, F.E.M. 1.001 Edition 1987.10.01-SECTION 1 ISO 9927-1:1994 DIN 15018:Part 1,2

Field of Inspection	Type of Inspection	Normative Regulations / Standards / In house procedures
Lifting equipment for shipping construction	Inspection-tests	-P.D. 70/90 (G.G. 31/A/90, Article 59)
Steam boilers	Initial and periodic inspection	-G.G 2656/B/2012
Metallic construction – Execution of steel structures	Initial inspection	- EN 1090-2:2018
Metallic construction – Corrosion protection of steel structures by protective paint systems	Initial inspection Supervision of coating works	- ELOT EN ISO 12944-7:2018 - EN 10289:2002 - EN 10290:2002
Metallic construction – Preparation of steel substrates before application of paints and related products	Inspection of the preparation of steel substrates before application of paints and related products Visual assessment of surface cleanliness	- EN ISO 8501-1:2008 - EN ISO 8502-2:2002 - EN ISO 8501-3:2009
Metallic products – Galvanized articles dipped in melt	Initial inspection	- EN ISO 1461:2009
Wire ropes	Periodic inspection	EN 12927:2019 ISO 4309:2017
Pipes-piping *Pipelines*	Initial and periodic inspection	-ELOT EN 10208, ELOT EN 10204, ELOT EN 1555 -API 5L, API 5CT, DIN 2460, DIN 8074, DIN 30670 -ELOT EN 13480, ELOT EN 1594 -ASME B 31.1, B 31.3, B 31.4, B 31.8 -AWWA C-200, C-201, C-205 - ELOT EN 12954, DIN 30672 - DVGW G469 - ELOT EN 12327, ELOT EN 12186, ELOT EN 17636-1, ELOT EN 17637, ELOT EN 1435 - MD Δ3/A/ΟΙΚ 4303 ΠΕ 26510 (GG 603/B/2012) - MD Δ3/A/17013 (GG 1552/B/24.10.2006) - Internal Procedure 32-30-020/rev.09 – Annex C based on the standard API 570:2016 excluding §3.1.7, §3.1.44, §4.2 and Annex A - NEN 3650-1+C1. NEN 3650-2+C1
Piping – Pipelines – Anti-corrosion coatings	Initial inspection	- DIN 30670:2012 - EN ISO 21809-1, EN ISO 21809-2, EN ISO 21809-3
Piping – Pipelines – Cathodic protection	Initial inspection	- EN 12068:1999

Field of Inspection	Type of Inspection	Normative Regulations / Standards / In house procedures
Welding	Approval of welding methods	-ELOT EN 288-2, ELOT EN 288-4, ELOT EN 288-9, -ELOT EN ISO 15609-01, ELOT EN ISO 15609-02 -ASME IX, ELOT EN ISO 15614- 1 to 6.
	Approval of welders qualifications (inspection of certificates)	-ELOT EN 1418, ELOT EN 9606.01, ELOT EN 9606.02 -ASME IX
Assemblies of tanks	Initial and periodic inspection	- API STD 650 13th Ed (2020) - ELOT EN 12285-1:2018 - ΕΛΟΤ EN 14015:2005 - API 653:2014+Addendum 2020 - Internal Procedure 32-30-020/rev.09 – Annex D
Metallic pipes	Inspection of pipes production (mill inspection)	-ISO 15590-1 - EN ISO 3183 - EN 10290 - EN 10301 - ASTM A 500 - API 5L
Results of non-destructive tests	Interpretation and evaluation of results	
1. Detection of surface imperfections with liquid penetrant method (PT)		- ISO 3452-1, (EN 571-1:1997) - ISO 23277
2. Detection of surface and sub-surface imperfections with magnetic particles method (MT)		- ISO 9934-1 - ISO 17638 - ELOT EN 23278
3. Visual inspection of welding (VT)		- ELOT EN 17637 - ELOT EN ISO 5817
4. Inspection of internal imperfections with ultrasonic method (UT/W)		- ELOT EN ISO 16810 - ISO 11666 - ELOT EN ISO 17640
5. Measurement of plates thickness with ultrasonic method (UT/T)		- ELOT EN ISO 16810 - ELOT EN 14127
6. Detection of internal imperfections with industrial radiographic method (RT)		- ELOT EN ISO 19232 - ELOT EN ISO 17636 - ELOT EN ISO 10675
7. Detection of internal imperfections with automatic ultrasonic method with conventional probes (AUT)		Inspection Body Procedure 32-30-032, rev.01, 12.09.2019
8. Detection of internal imperfections with automatic ultrasonic method using Phased Array (PAUT)		Inspection Body Procedure 32-30-032, rev.01, 12.09.2019
9. Detection of internal imperfections with automatic ultrasonic method using Time of Flight Diffraction (TOFD)		Inspection Body Procedure 32-30-032, rev.01, 12.09.2019

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Vessels under pressure 1. Inspection of pressure vessels with capacity more than 450 lt. 2.L.P.G	Periodic inspection	-MD 14165/F.17.4/373 , G.G 673/B/1993 -G.G. 1257/B/2003 -JMD D3/14858/1993, G.G 477/B/1993 -ELOT EN 13445
Lifts 1.Hydraulic lifts 2. Electric lifts	Periodic inspection	-R.D 127/1963 (G.G 23/A/1963) -R.D 37/1965(G.G 10/A/1966) -R.D 890/1968 (G.G 311/A/1968) -J.M.D oik. F9.2/28425(G.G 2604/B/2008) -ELOT EN 81.2:1999+A3:2010* -ELOT EN 81.2:1999* -ELOT EN 81.2:1990* -ELOT EN 81.1:1999+A3:2010* -ELOT EN 81.1:1999* -ELOT EN 81.1:1988* -ELOT EN 81-80 -ELOT EN 81-20:2014
External Playgrounds	Initial and periodic inspection	M.D. 28492/2009 (G.G.931/B/18.5.2009) M.D. 48165/2009 (G.G.1690/B/17.8.2009) M.D. 27934/2014 (G.G.2029/B/25.8.2014) Interpretative Circular 44/2014 (Α.Π. 30681/2014) Working Instruction Initial Periodic Inspection of Playgrounds (internal and external), rev06/01.09.2020
Internal Playgrounds	Initial and periodic inspection Special and extraordinary inspection	J.M.D. 43650/2019 (G.G.2213/B/8.6.2019) Working Instruction Initial Periodic Inspection of Playgrounds (internal and external), rev06/01.09.2020
Playground equipment and surfacing in ready-made facilities *Impact attenuating playground surfacing*	Initial and periodic inspection of facilities	ELOT EN 1176-1:2017 ELOT EN 1176-2:2017+AC:2019 ELOT EN 1176-3:2017 ELOT EN 1176-4:2017+AC:2019 ELOT EN 1176-5:2019 ELOT EN 1176-6:2017+AC:2019 ELOT EN 1176-7:2020 ELOT EN 1176-10:2008 ELOT EN 1176-11:2014 ELOT EN 1177:2018+AC:2019 Working Instruction Initial Periodic Inspection of Playgrounds (internal and external), rev06/01.09.2020

Field of Inspection	Type of Inspection	Normative Regulations / Standards / In house procedures
Vehicles Inspection with use of Mechanical Equipment in Car Inspection Station Premises	Initial and Periodical Vehicles Inspection and Technical Control regarding Safety and Emissions	SATB IF096-IF080 VEHICLES INSPECTION
Vehicles Inspection Services related to Banks, Rental & Leasing Companies Operations	Vehicle Current Value Appraisal Off Leasing & Post Delivery inspection Third Party Vehicle Damages and Repairs appraisal	SATB IF096 – IF061 – IF066 - IF075 VEHICLES INSPECTION EESC, Collision Damage Claims Management, INT 501/CESE395/2010
Inspection Services related to Vehicle Workshop Operations	Mystery shopping for vehicles repair and maintenance Third Party Vehicle repairs and maintenance, verification and evaluation	SATB IF096 – IF085 – IF090 VEHICLES INSPECTION EESC, Collision Damage Claims Management, INT 501/CESE395/2010
Inspection Services related to Insurance Companies operations	Expertised Validation Vehicle Current Value Appraisal Off Leasing & Post Delivery inspection Third Party Vehicle Damages and Repairs appraisal Mystery shopping for vehicles repair and maintenance Third Party Vehicle repairs and maintenance, verification and evaluation	SATB IF096 – IF057 - IF061 – IF066 - IF075 - IF085 – IF090 - VEHICLES INSPECTION EESC, Collision Damage Claims Management, INT 501/CESE395/2010

**These standards have been withdrawn.*

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Approved Signatories: **Meletis Tzaferis, Ioanna Armouti, Sergio Laurini**

This Scope of Accreditation replaces the previous one, dated 14.04.2022.
The Accreditation Certificate No. **591**-9, according to ELOT EN ISO/IEC 17020:2012, is valid until 10.11.2025.

Athens, 18.07.2022

Christos Nestoras
CEO of ESYD