Hellenic Accreditation System

Annex B4/38 to the Certificate No. **27**-10

SCOPE of ACCREDITATION

of

MATERIALS INDUSTRIAL RESEARCH AND TECHNOLOGY CENTER (MIRTEC S.A.)

as a Products Certification Body
in line with E.C. Directives

Field of Certification	**Type of certification**	**Normative Regulations / Standards / In-House Procedures**
Lifts 1. Electrical lifts 2. Hydraulic lifts	-EU-Type Examination (Annex IV_B, Module B) -Conformity based on unit verification (Annex VIII, Module G) - Conformity to type based on production quality assurance (Annex XII, Module D) - Conformity based on full quality assurance plus design examination (Annex XI, Module H1)	Directive 2014/33/EU J.M.D. 39507/167/F.9.2/2016, (G.G. 1047/B/2016) ELOT EN 81-20:2014 ELOT EN 81-20:2020* ELOT EN 81-50:2014 ELOT EN 81-50:2020* ELOT EN 81-70:2018 ELOT EN 13015:2001+A1:2008 MIRTEC SR-Certlifts – Specific Regulation for certification of lifts & LCE) (MIRTEC CERT-Lifts – Procedure for certification of lifts
Lift constructional elements	- EU-type examination (Annex IV_A, Module B) - Conformity to EU type with random checking (Annex IX, Module C2) - Conformity to EU type based on product quality assurance (Annex VI, Module E)	Directive 2014/33/EU J.M.D. 39507/167/F.9.2/2016, (G.G. 1047/B/2016) ELOT EN 81-50:2014 ELOT EN 81-50:2020* (MIRTEC SR-Certlifts – Specific Regulation for certification of lifts & LCE) (MIRTEC CERT-safecomp –Procedure for certification of LCE)

Field of Certification	Type of certification	Normative Regulations / Standards / In-House Procedures
Simple Pressure Vessel		Directive 2014/29/EU M.D. Oik. 46248/DTVN 1008/2016 (G.G. 1339/B/2016)
	- EU-Type Examination (Module B)	Annex II, Paragraph 1
	- Conformity to type based on internal production control plus supervised vessel testing (Module C1)	Annex II, Paragraph 2.3
	- Conformity to type based on internal production control plus supervised vessel checks at random intervals (Module C2)	Annex II, Paragraph 3.3
		EN 286.1-04 (EBETAM SR – CERT-spv – Procedure for Certification of Simple Pressure Vessel)
Appliances burning gaseous fuels. *1. Appliances* *- Cooking appliances* *- Space heating appliances* *- Gas lighting* *2. Fittings* *- Safety devices* *- Controlling devices* *- Regulating devices* *- Sub-assemblies composed of safety, controlling and/or regulating devices*	- EU type-Examination - production type (Annex III, Module B) - Conformity to type based on internal production control plus supervised product checks at random intervals (Annex III, Module C2) - Conformity to type based on product verification (Annex III, Module F) - Conformity based on unit verification (Annex III, Module G)	Regulation 2016/426/EU ELOT EN 521:2006 ELOT EN 484:1997

Field of Certification	Type of certification	Normative Regulations / Standards / In-House Procedures
Pressure equipment Groups – Subgroups **	- EU-Type Examination - production type (Annex III, paragraph 3.1, Module B) - EU-Type Examination - design type (Annex III, paragraph 3.2, Module B) - Conformity to Type based on Internal Production Control plus Supervised Pressure Equipment Checks at Random Intervals (Annex III, paragraph 4, Module C2) - Conformity to Type based on Pressure Equipment Verification (Annex III, paragraph 9, Module F) - Conformity based on Unit Verification (Annex III, paragraph 10, Module G)	Directive 2014/68/EU, M.D. oik. 74124/DTVN 1431/2016, (G.G. 2278/B/2016) (MIRTEC CERT-ped – Procedure for certification of PED) ADMerkblaetter* ASME VIII*
Category 1, Group: 1.1, Subgroups: 1.1.1, 1.1.2, 1.1.3 ▪ Unfired pressure vessel ▪ Cryogenic vessels ▪ Static welded steel cylindrical tanks, serially produced for the storage of Liquefied petroleum gas (LPG) having a volume not greater than 13 m^3 and for installation above ground. ▪ Static welded steel cylindrical tanks, serially produced for the storage of Liquefied petroleum gas (LPG) having a volume not greater than 13 m^3 and for installation underground ▪ Portable fire extinguishers ▪ Mobile fire extinguishers	- Conformity to Type based on Quality Assurance of the Production Process (Annex III, Module D) - Quality Assurance of the Production Process (Annex III, Module D1) - Conformity to Type based on Pressure Equipment Quality Assurance (Annex III, Module E) - Quality Assurance of Final Pressure Equipment Inspection and Testing (Annex III, Module E1) - Conformity based on Full Quality Assurance plus Design Examination (Annex III, Module H1)	ELOT EN 13445-1,2,3,4,5,6, BS 5500* ELOT EN 13458-1,2,3 ELOT EN 12542 ELOT EN 12542 ELOT EN 3.08, ELOT EN 3.09* ELOT EN 1866-2,3
Category 1, Group 1.2, Subgroups: 1.2.1, 1.2.2, 1.2.3 ▪ Shell boilers ▪ Pressure cookers for domestic use ▪ Water-tube boilers ▪ Steam boilers		ELOT EN 12953-1,2,3,4,5,6,7,8,9,12,13, ELOT EN 12778 ELOT EN 12952-1,2,3,4*,5,6,7,10,11 TRD * (Technical Rules for Steam Boilers)
Category 1, Group: 1.3, Subgroups: 1.3.1 • Metallic industrial piping		ELOT EN 13480-1,2,3,4,5,6,8
Category 1, Group: 1.4 Safety equipment and under pressure equipment intended for equipment covered by Groups 1.1, 1.2, 1.3		ELOT EN ISO 4126-1,3,4,5,7

Field of Certification	Type of certification	Normative Regulations / Standards / In-House Procedures
Marine equipment - Life-saving appliances - Fire protection equipment - Navigation equipment -Equipment required under COLREG 72	- EC Type Examination (Module B) -Conformity to EU-type based on quality assurance of the production process (Module D)	Directive 2014/90/EU J.M.D. 2222.1-1.2/90149/2016 (G.G. 3454/B/2016) Implementing Regulation (EU) 2022/1157 (MED/1, MED/3, MED/4, MED/6)
Construction products Lighting columns Power, control, and communication cables - Cables for general applications in construction works subject to reaction to fire requirements.	Product certification body (System 1+)	Regulation (EU) 305/2011 Decision 96/579/EC ELOT EN 40-4:2006 ELOT EN 40-5:2002 ELOT EN 40-6:2002 ELOT EN 40-7:2003 Decision 2011/284/EU ELOT EN 50575+A1:2016
Cold formed welded structural hollow sections of non-alloy and fine grain steels Hot rolled products of structural steels	Factory production control certification body (System 2+)	Decision 98/214/EC ELOT EN 10219-1:2006 ELOT EN 10025-1:2005
Execution of steel structures and aluminium structures		ELOT EN 1090-1:2009+A1:2011

Field of Certification	Type of certification	Normative Regulations / Standards / In-House Procedures
Construction products (cont.)	Factory production control certification body (System 2+)	Regulation (EU) 305/2011 (cont.) Decision 98/598/EC
Lightweight aggregates for concrete, mortar and grout		ELOT EN 13055-1:2002+AC:2004
Lightweight aggregates for bituminous mixtures and surface treatments and for unbound and bound applications		ELOT EN 13055-2:2004
Aggregates for mortar		ELOT EN 13139:2002+AC:2004
Aggregates for railway ballast		ELOT EN 13450:2002+AC:2004
Aggregates for concrete		ELOT EN 12620:2002+A1:2008
Aggregates for bituminous mixtures and surface treatments for roads, airfields and other trafficked areas		ELOT EN 13043:2002+AC:2004
Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction		ELOT EN 13242:2002+A1:2007
Aluminium and aluminium alloys - Building products for construction		ELOT EN 15088:2005
Flexible sheets for waterproofing - Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet - Definitions and characteristics	Factory production control certification body (System 2+)	Decision 99/90/EC ELOT EN 13967:2012
Safety of Toys	EU- Type examination (Module B)	Directive 2009/48/EC, Article 20 Procedure of conformity certification of toys CERT-toys (EBETAM)

Field of Certification	Type of certification	Normative Regulations / Standards / In-House Procedures
Cableway installations designed to carry persons: *Safety components.*	EU-Type examination – Production Type (Module B)	Regulation 2016/424 Annex III
Machinery Category 9: Presses, including press-brakes, for the cold working of metals, with manual loading and/or unloading, whose movable working parts may have a travel exceeding 6 mm and a speed exceeding 30 mm/s. Category 13: Manually loaded trucks for the collection of household refuse incorporating a compression mechanism. Category 14: Removable mechanical transmission devices including their guards.	- EU type-examination (Annex IX)	Directive 2006/42/EK, article 12 paragraph 3 (b) and paragraph 4 (a) PD 57(GG 97/A/25.06.2010) ELOT EN 693:2001+A2:2011 ELOT EN ISO 12100:2010 ELOT EN ISO 13850:2008* ELOT EN 349:1993+A1:2008 ELOT EN 1037:95 + A1:2008 ELOT EN ISO 13857:2008 ELOT EN 953:97+A1:2009* ELOT EN ISO 4413:2010 ELOT EN ISO 4414:2010 ELOT EN ISO 14119:2013 ELOT EN 60204-1:2006+A1:2009 ELOT EN 1501-1:2011+A1:2015 ELOT EN 1501-1:2011+A1:2015

** The reference to non-harmonized European Standards, Regulations or Normative documents indicates that only a specific part of the requirements of the above European Standards, Regulations or Normative documents, complement, either the harmonized European Standards EN, which fulfil essential requirements of European Directives, or the provisions of European Directives, to the degree that is necessary for the assessment of the compliance of the product.*
***Grouping according to ESYD_ KO-PED/01/01/21-07-2016.*

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This Scope of Accreditation replaces the previous one dated 04.05.2023.
The Accreditation Certificate No. **27**-10, according to ELOT EN ISO/IEC 17065:2012, is valid until **14.09.2025**.

Athens, **31.07.2023**

Christos Nestoras

CEO of ESYD