Hellenic Accreditation System

Annex B4/28 to the Certificate No.**582**-6

SCOPE of ACCREDITATION

of the

KR HELLAS LTD

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

Field of Certification	Type of certification	Normative Regulations / Standards/(or/and In House Procedures)
Marine equipment Life-saving appliances - Marine pollution prevention - Fire protection equipment - Navigation equipment - Radiocommunication equipment - Equipment required under COLREG 72 - Other safety equipment - Equipment under SOLAS Chapter II-1.	- EC Type Examination (Module B) - Conformity to type based on product verification (Module F) - Conformity based on unit verification (Module G) - Conformity to type based on quality assurance of the production process (Annex II, module D) - Conformity to type based on product quality assurance (Annex II, module E)	Directive 2014/90/EU J.M.D. 2222.1-1.2/90149/2016 (G.G. 3454/B/2016) Regulation (EU) 2024/1975/EU (MED/1, MED/2, MED/3, MED/4, MED/5, MED/6, MED/7, MED/8)

Field of Certification	Type of certification	Normative Regulations / Standards/(or/and In House Procedures)
Equipment and protective systems intended for use in potentially explosive atmospheres. Group II gas electrical equipment - Category 1 equipment - Category 2 equipment - Category 3 equipment - Safety Devices, controlling devices and regulating devices - Components - Protective systems Group II dust electrical equipment - Category 1 equipment - Category 2 equipment - Category 3 equipment - Safety Devices, controlling devices and regulating devices - Components - Protective systems Group II gas non-electrical equipment - Category 1 equipment - Category 2 equipment - Category 3 equipment - Safety Devices, controlling devices and regulating devices - Components - Protective systems Group II dust non-electrical equipment - Category 1 equipment - Category 2 equipment - Category 3 equipment - Safety Devices, controlling devices and regulating devices - Components - Protective systems	- EU-Type Examination (Annex III Module B) - Conformity to Type based on Product Verification (Annex V Module F) - Conformity based on Unit Verification (Annex IX Module G) - Conformity to Type based on Internal Production Control plus Supervised Product Testing (Annex VI - Module C1) - Internal Production Control & Receipt of Technical Documentation (Module A Annex VIII & article 13.1 bii) - Conformity to Type based on Quality Assurance of the Production Process (Annex IV, Module D) - Conformity to Type based on Product Quality Assurance (Annex VII, Module E)	- Directive 2014/34/EU - M.D. Oik. 52019/DTVN 1152/2016 (G.G. 1426/B/2016) EN IEC 60079-0:2018 (IEC 60079-0:2017) EN 60079-1:2014 (IEC 60079-1:2014) EN 60079-2:2014+AC:2015 (IEC 60079-2:2014) EN IEC 60079-7:2015+ A1:2018 (IEC 60079-7:2015+A1:2017) EN 60079-11:2012 (IEC 60079-11:2023**) EN 60079-15:2010 (IEC 60079-15:2017**) EN 60079-18:2015+A1:2017 (IEC 60079-18:2014+A1:2017) EN 60079-26:2015 (IEC 60079-26:2021**) EN 60079-28:2015 (IEC 60079-28:2015) EN 60079-30-1:2017 (IEC/IEEE 60079-30-1:2015) (IEC/IEEE 60079-30-1:2015**) EN 60079-31:2014 (IEC 60079-31:2022**) EN ISO 16852:2016 EN ISO/IEC 80079-34:2011 ISO/IEC 80079-34:2018** EN ISO 80079-36:2016 EN ISO 80079-37:2016

Field of Certification	Type of certification	Normative Regulations / Standards/(or/and In House Procedures)

Pressure equipment Groups - Subgroups *	- EU-Type Examination (Annex III, Module B) - production type - design type	Directive 2014/68/EU M.D. oik. 74124/DTVN 1431/2016 (G.G. 2278/B/2016)
1) Unfired pressure vessels Group 1.1 Subgroups 1.1.2, 1.1.3, 1.1.4.	- Conformity to Type based on Internal Production Control plus Supervised Pressure Equipment Checks at Random Intervals (Annex III, Module C2)	EN 13445-1:2021, EN 13445-2:2021+A1:2023 EN 13445-3:2021, EN 13445-4:2021+A1:2023, EN 13445-5:2021, EN 13445-6:2021, EN 13445-8:2021, ASME BPVC Section VIII Division 1: 2025**
	- Conformity to Type based on Pressure Equipment Verification (Annex III, Module F)	EN 12952-1:2015, EN 12952-2:2021, EN 12952-3:2011, EN 12952-3:2022
	- Conformity based on Unit Verification (Annex III, Module G)	EN 12952-5:2021 EN 12952-6:2021 EN 12952-7:2012, EN 12952-8:2002, EN 12952-9:2002, EN 12952-9:2022,
	- Conformity to Type based on Quality Assurance of the Production Process (Annex III, Module D)	EN 12952-10:2021 EN 12952-11:2007, EN 12952-14:2004, EN 12952-16:2002, EN 12952-16:2022
2) Vessels under pressure exposed to flame or other incoming heating which creates danger for overheating Group 1.2. Subgroups 1.2.2, 1.2.3	- Quality Assurance of the Production Process (Annex III, Module D1)	EN 12952-18:2012, ASME BPVC Section I: 2025**
Water-tube boilers	- Conformity to Type based on Pressure Equipment Quality Assurance (Annex III, Module E)	EN 12953-1:2012, EN 12953-2:2012, EN 12953-3:2016, EN 12953-4:2018, EN 12953-5:2020, EN 12953-6:2011, EN 12953-7:2002, EN 12953-8:2001+AC:2002, EN 12953-9:2007, EN 12953-12:2003, EN 12953-13:2012, ASME BPVC Section I: 2025** ASME BPVC Section IV: 2025**
	- Quality Assurance of Final Pressure Equipment Inspection and Testing (Annex III, Module E1)	
Shell boilers	- Conformity based on Full Quality Assurance plus Design Examination (Annex III, Module H1)	

Field of Certification	Type of certification	Normative Regulations / Standards/(or/and In House Procedures)
Pressure equipment (cont.) Groups - Subgroups * 3) Pipes Group 1.3 Subgroups 1.3.1, 1.3.2, 1.3.3 4) Safety equipment and under pressure equipment Group 1.4 Subgroups 1.4.1, 1.4.2, 1.4.3 5) Assemblies under pressure Group 2.1, Group 2.2 Mobile fire extinguishers	- EU-Type Examination (Annex III, Module B) - production type - design type - Conformity to Type based on Internal Production Control plus Supervised Pressure Equipment Checks at Random Intervals (Annex III, Module C2) - Conformity to Type based on Pressure Equipment Verification (Annex III, Module F) - Conformity based on Unit Verification (Annex III, Module G) - 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)	Directive 2014/68/EU (cont.) M.D. oik. 74124/DTVN 1431/2016 (G.G. 2278/B/2016) EN 13480-1:2017+ A1:2019, EN 13480-2:2017+A1:2018+A2:2018+ A3:2018+ A7:2020 + A8:2021 EN 13480-3:2017+A2:2020+A3:2020 +A1:2021 + A4:2021+A5:2022, EN 13480-4:2012+A1:2013 +A2:2015, EN 13480-4:2017**, EN 13480-5:2017+A1:2019+A2:2021 EN 13480-6:2017+A1:2019, EN 13480-8:2017 EN 19:2016, EN 19:2023 EN 593:2017, EN 1092-1:2018, EN 1092-3:2003+AC:2007, EN 1092-4:2002, EN 1171:2015, EN 1349:2009, EN 1626:2008, EN 1759-3:2003+AC:2004, EN 1759-4:2003, EN 1983:2013, EN 1984:2010, EN ISO 4126-1:2013+A2:2019, EN ISO 4126-3:2020, EN 12266-1:2012, EN 12284:2003**, EN 12288:2010, EN 12516-1:2014+A1:2018, EN 12516-2:2014+A1:2021, EN 12516-3:2002+AC:2003, EN 12516-4:2014+A1:2018, EN 13397:2001, EN 13547:2013, EN 13709:2010, EN 13789:2010, EN 14071:2015+A1:2019**, EN ISO 16135:2006+A1:2019, EN ISO 16136:2006+A1:2019, EN ISO 16137:2006+A1:2019, EN ISO 16138:2006+A1:2019, EN ISO 16139:2006+A1:2019, EN ISO 21787:2006+A1:2019 EN 1866-1:2007**, EN 1866-2:2014, EN 1866-3:2013

Field of Certification	Type of certification	Normative Regulations / Standards/(or/and In House Procedures)
Permanent joining for pressure equipment Group 4	European Approval for Materials	Directive 2014/68/EU (cont.) M.D. oik. 74124/DTVN 1431/2016 (G.G. 2278/B/2016) Article 15
Recreational Craft 1) Recreational craft	Design and construction-Article 20 EU type-examination (Module B) Conformity to type based on product verification (Module F) Conformity based on unit verification (Module G) Conformity to type based on product quality assurance (Module E) Conformity to type based on quality assurance of the production process (Module D) Article 23-Annex V Equivalent Conformity Based on Post-construction assessment	- Directive 2013/53/EU - J.M.D. Oik. 13926/DTVN 216/2016 (G.G. 273/B/2016) EN ISO 6185-1:2018, EN ISO 6185-2:2018, EN ISO 6185-3:2018, EN ISO 6185-4:2018 EN ISO 12215-1:2018, EN ISO 12215-2:2018, EN ISO 12215-3:2018, EN ISO 12215-4:2018, EN ISO 12215-5:2019, EN ISO 12215-6:2018 EN ISO 12215-8:2018, EN ISO 12215-9:2018 EN ISO 12216:2018 EN ISO 12217-1:2017, EN ISO 12217-2:2017, EN ISO 12217-3:2017 EN ISO 21487:2018

Field of Certification	Type of certification	Normative Regulations / Standards/(or/and In House Procedures)
Recreational Craft (cont.) 2) Components	Design and construction-Article 20 EU type-examination (Module B) Conformity to type based on product verification (Module F) Conformity based on unit verification (Module G) Conformity to type based on product quality assurance (Module E) Conformity to type based on quality assurance of the production process (Module D) Article 23-Annex V Equivalent Conformity Based on Post-construction assessment	- Directive 2013/53/EU - J.M.D. Oik. 13926/DTVN 216/2016 (G.G. 273/B/2016) EN ISO 6185-1:2018, EN ISO 6185-2:2018, EN ISO 6185-3:2018, EN ISO 6185-4:2018 EN ISO 12215-1:2018, EN ISO 12215-2:2018, EN ISO 12215-3:2018, EN ISO 12215-4:2018, EN ISO 12215-5:2019, EN ISO 12215-6:2018 EN ISO 12215-8:2018, EN ISO 12215-9:2018 EN ISO 12216:2018 EN ISO 12217-1:2017, EN ISO 12217-2:2017, EN ISO 12217-3:2017 EN ISO 21487:2018
3) Exhaust emissions	Article 21 EU type-examination (Module B) Conformity to type based on product verification (Module F) Conformity based on unit verification (Module G) Conformity to type based on product quality assurance (Module E) Conformity to type based on quality assurance of the production process (Module D) Article 23-Annex V Equivalent Conformity Based on Post-construction assessment	ISO 8178-1:2020 **

Field of Certification	Type of certification	Normative Regulations / Standards/(or/and In House Procedures)
Recreational Craft (cont.) 4) Noise emissions	Article 22 Conformity based on unit verification (Module G) Article 23-Annex V Equivalent Conformity Based on Post-construction assessment	- Directive 2013/53/EU (cont.) - J.M.D. Oik. 13926/DTVN 216/2016 (G.G. 273/B/2016) BS EN ISO 14509-1:2018 BS EN ISO 14509-2:2006 ** BS EN ISO 14509-3:2018
Construction products Pedestrian doorsets, industrial, commercial, garage doors and openable windows Windows and external pedestrian doorsets without resistance to fire and/or smoke leakage characteristics	Product certification body (System 1)	Regulation (EU) 305/2011 Decision 99/93/EC ELOT EN 16034:2014 ELOT EN 14351-1:2006+A2:2016
Structural metallic products and ancillaries Structural metallic sections/profiles: Hot rolled, cold formed or otherwise produced sections/profiles with various shapes (T, L, H, U, Z, I, channels, angle, hollow, tube), flat products (plate, sheet, strip), bars, castings, forgings, made of various metallic materials, unprotected or protected against corrosion by coating to be used in metal structures or in composite metal and concrete structures	Factory production control certification body (System 2+)	Regulation (EU) 305/2011 Decision 98/214/EC ELOT EN 10025-1:2004 ELOT EN 10088-4:2009 ELOT EN 10088-5:2009 ELOT EN 10210-1:2006 ELOT EN 10219-1:2006 ELOT EN 1090-1:2009+A1:2011 ELOT EN 15088:2005

Field of Certification	Type of certification	Normative Regulations / Standards/(or/and In House Procedures)
Construction products (cont.) Structural metallic construction members: finished metallic products, such as trusses, girders, columns, stairs, ground piles, bearing piles and sheet piling, cut to size sections designed for certain applications, rails and sleepers. They can be unprotected or protected against corrosion by coating, welded or not for uses in work's frames and foundations	Factory production control certification body (System 2+)	Regulation (EU) 305/2011 Decision 98/214/EC ELOT EN 1090-1:2009+A1:2011
Welding materials for use in structural metallic works	Factory production control certification body (System 2+)	ELOT EN 13479:2017
Structural connectors: metallic rivets, bolts (nuts and washers) and H.R. bolts (high strength friction grip bolts), studs, screws, railway fasteners for use in structural metallic works	Factory production control certification body (System 2+)	ELOT EN 14399-1:2015
Personal Protective Equipment Equipment providing respiratory system protection Specialized areas of competence: Firemen suits Equipment providing hand and arm protection Equipment providing head protection Equipment providing foot, leg and anti-slip protection	- EU Type-Examination Module B, Annex V - Conformity to Type based on Internal Production Control plus Supervised Product Checks at Random Intervals Module C2, Annex VII - Conformity to Type based on Quality Assurance of the Production Process Module D, Annex VIII	Regulation 2016/425/EU ELOT EN 403:2004 ELOT EN 136:1998+AC:2003 ELOT EN 137:2006 ELOT EN 1146:2005 ELOT EN 149:2001+A1:2009 EN 140:1998/AC:1999 EN 143:2021 EN 14387:2004+A1 2008 ELOT EN 469:2020 ELOT EN 1486:2007 ELOT EN 659:2003+A1:2008+AC:2009 ELOT EN 420:2003+A1:2009 ELOT EN 407:2004 ELOT EN 388:2016+A1:2018 EN ISO 374-1:2016 EN ISO 374-5:2016 EN ISO 21420:2020* ELOT EN 443:2008 ELOT EN ISO 20344: 2011** EN ISO 20345:2022/ A1:2024

Field of Certification	Type of certification	Normative Regulations / Standards/(or/and In House Procedures)
Personal Protective Equipment	- EU Type-Examination Module B, Annex V	Regulation 2016/425/EU
Protective equipment against falls from heights	- Conformity to Type based on Internal Production Control plus Supervised Product Checks at Random Intervals Module C2, Annex VII	ELOT EN 353-2: 2002 ELOT EN 354:2010 ELOT EN 355:2002 ELOT EN 360:2002, EN 360:2023 ELOT EN 361:2002 ELOT EN 362:2004
Equipment providing eye and face protection	- Conformity to Type based on Quality Assurance of the Production Process Module D, Annex VIII	ELOT EN 175: 1997
Protective equipment against chemical agents		ELOT EN 943-1: 2015+A1:2019 ELOT EN 943-2: 2019

**Grouping accorDIN g to ESYD_ KO-PED/01/01/21-07-2016.*

*** 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.*

Address of the Body : **41, Athinas Av., Vouliagmeni GR 16671, Athens, Greece and**
KR HELLAS LTD Technical Department: 6F, 36, Myeongji Ocean city 9-ro, Gangseo-gu, Busan, 46762, Republic of Korea

Approved Signatory: **Lim Sunghwan, Nikolaos Katiforis**

This Scope of Accreditation replaces the previous one dated 29.04.2024.
The Accreditation Certificate No.**582**-6, according to ELOT EN ISO/IEC 17065:2012, is valid until 21.07.2029.

Athens, 16.06.2025

Konstantinou Evangelos Apostolos
CEO of ESYD