



RoHS, REACH, MECP, and CA PROP 65 CERTIFICATE OF COMPLIANCE

International Hydraulics Inc. D.B.A.: **IHI Connectors**

7700 St. Clair Avenue
Mentor, Ohio 44060
www.ihiconnectors.com

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Declaration of Conformity to EU RoHS

Products listed below that are manufactured by International Hydraulics Inc (IHI) are in compliance with The European RoHS Directive 2015/863/EU (RoHS 2 AMENDED, prematurely misnamed "RoHS 3**"), which restricts the following substances in electrical and electronic equipment. In addition, this declaration of conformity is issued under the sole responsibility of International Hydraulics Inc. IHI does not use any of the Restricted Substances as components in its mechanical wire termination products except in some listed products that include permitted levels of lead (Pb) under the exemption Annex paragraph 6(a)-I, (b)-I, (c).

Lead (Pb) Exemption 6 free machining alloys for only parts listed "9 of 10"

- Steel Alloys 0.35% by weight maximum
- Copper Alloys 4% by weight maximum
- Aluminum alloys 0.4% by weight maximum

Specifically, mechanical wire termination products manufactured do not contain the substances listed below in concentrations greater than the listed maximum value.

Substance	Maximum Limit (ppm)
Lead (Pb)	1000
Cadmium (Cd)	100
Mercury (Hg)	100
Hexavalent Chromium (Cr6+)	1000
Poly Brominated Biphenyls (PBB)	1000
Poly Brominated Diphenyl ethers (PBDE)	1000
Bis(2-Ethylhexyl) phthalate (DEHP)	1000
Benzyl butyl phthalate (BBP)	1000
Dibutyl phthalate (DBP)	1000
Diisobutyl phthalate (DIBP)	1000

** RoHS 2 is in effect as of 2011. Amendments to RoHS 2 as recent as 2017 are sometimes referred to as RoHS 3, but that is not accurate. There have been many amendments to RoHS, both 1 and 2, over the years, including exemption changes, date changes, etc, but Amending Directive 2015/863 made a substantial change by adding the 4 new restricted substances. Amending Directive 2015/863 is still considered a revision of RoHS 2. The European Commission is currently reviewing RoHS 2 as part of their statutory requirement to determine coherence and efficacy and a "RoHS 3" is expected to be announced in 2022.

Products do not contain Deca Brominated Diphenyl Ether (Deca BDE) legislated under the provisions of the European Commission Decision of 13 October 2005 (2005/717/EC), and do not contain as intentional additives Perfluoroocantylsulfonates (PFOS) legislated under the provisions of the European Parliament and Council Directive 2006/122/EC (30th amendment to EU Directive 76/769/EEC).

TSCA Section 6(h)

Products do not contain phenol, isopropylated phosphate (3:1) (PIP (3:1); decabromodiphenyl ether (DecaBDE); 2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP); hexachlorobutadiene (HCBd); or pentachlorothiophenol (PCTP) as legislated under Section 6(h) of the Toxic Chemicals under the Toxic Substances Control Act (TSCA). IHI does not manufacture, process, or distribute these Persistent, Bioaccumulative, and Toxic (PBT) chemicals.

REACH

It is hereby certified that IHI complies with the Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) Directives to this extent: IHI is a manufacturer of articles. Article means “an object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition.” IHI has taken the initiative to review itself and its suppliers for the (219) substances that are under consideration for treatment as Substances of Very High Concern (SVHC) candidates.

IHI has confirmed to the best of its belief, that its products do not contain any of the listed substances in concentration >0.1% weight per supplied article, substance or preparation weight products, except in some listed products that include lead (Pb) in percent weight no greater than as allowed under RoHS exemption Annex paragraph 6(a), (b)-I, (c) of the EU RoHS directive listed above. The declaration of which meets the requirements for substances in articles per the Guidance on requirements for substances in articles Version 4.0 – June 2017.

We declare that the information provided is true and complete to the best of our knowledge and that articles or preparations we provide that have at least one SVHC over the threshold level on the substance listed in the SVHC Candidate List of REACH are compliant with the restrictions on substances listed in Annex XIV and Annex XVII of REACH.

Substance Name	CAS#	EC#/Index #	ECHA Candidate List Date	>0.1wt% in Article (Yes/No)
Lead	7439-92-1	231-100-4	27/06/2018	Yes
Screws in parts listed as " Exempted Lead RoHS 9/10, REACH, & CA Prop 65 (MECP Lead above Threshold) Compliant " on the List of products that are RoHS, REACH, and CA Prop 65 compliant provided with this document, contain lead above the 0.1% by weight threshold.				

China RoHS

IHI understands that the Environment Friendly Use Period (EFUP) shall be determined by the product producer or entity placing the product into the marketplace of the Electronic Information Products (EIP). As such, IHI does not define the EFUP for any of its components. Per requirement, the necessary hazardous material content of our components has been indicated in the following tables in order to help downstream users determine the EFUP for their final products.

China RoHS Lead Free

Applies to all parts labeled "[RoHS 10/10, REACH, & CA Prop 65 \(MECP below Threshold\)](#)" in the above Tables

IHI TERMINAL WITH COLD FORMED SCREW OR STAINLESS STEEL SCREW

有害物质符号:

公开有害物质情报

Part Name	物質 Toxic or hazardous Substances and Elements					
	鉛 Pb	汞 Hg	鎘 Cd	六價鉻 Cr6+	聯苯 PBB	多溴二苯醚 PBDE
BODY	○	○	○	○	○	○
PLATING	○	○	○	○	○	○
SCREW	○	○	○	○	○	○
PLATING	○	○	○	○	○	○

China RoHS Contains Lead

Applies to all parts labeled "[Exempted Lead RoHS 9/10, REACH, & CA Prop 65 \(MECP Lead above Threshold\) Compliant](#)" in the above Tables

IHI TERMINAL WITH MACHINED SCREW (FREE MACHINING STOCK)

有害物质符号:

公开有害物质情报

Part Name	Toxic or hazardous Substances and Elements					
	鉛 Pb	汞 Hg	鎘 Cd	六價鉻 Cr6+	聯苯 PBB	多溴二苯醚 PBDE
BODY	○	○	○	○	○	○
PLATING	○	○	○	○	○	○
SCREW	X	○	○	○	○	○
PLATING	○	○	○	○	○	○

MECP Guidelines for the Development of the Inventory of Hazardous Materials

Based on supplier information, certificates and testing, it is hereby declared that IHI, to the best of its belief, complies with the Marine Environment Protection Committee's resolution MEPC.269(68) 2015 guidelines for the development of the inventory of hazardous materials to this extent: IHI products do not contain any of the listed substances in Tables A (appendix 1) and Table B (appendix 2) of the Annex to the Convention except in some listed products that include lead (Pb). Screws in parts listed as "[Exempted Lead RoHS 9/10, REACH & CA Prop 65 \(MECP Lead above Threshold\) Compliant](#)" on the List of products that are RoHS, REACH and CA Prop 65 compliant provided with this document, contain lead above the threshold.

Table A – Materials listed in appendix 1 of the Annex to the Convention

No.	Materials	Threshold value
A-1	Asbestos	0% ⁴
A-2	Polychlorinated biphenyls (PCBs)	50 mg/kg ⁵
A-3	CFCs	no threshold value ⁶
	Halons	
	Other fully halogenated CFCs	
	Carbon tetrachloride	
	1,1,1-Trichloroethane (Methyl chloroform)	
	Hydrochlorofluorocarbons	
	Hydrobromofluorocarbons	
A-4	Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg ⁷

Table B – Materials listed in appendix 2 of the Annex to the Convention

No.	Materials	Threshold value
B-1	Cadmium and cadmium compounds	100 mg/kg ⁸
B-2	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg ⁸
B-3	Lead and lead compounds	1,000 mg/kg ⁸
B-4	Mercury and mercury compounds	1,000 mg/kg ⁸
B-5	Polybrominated biphenyl (PBBs)	50 mg/kg ⁹
B-6	Polybrominated diphenyl ethers (PBDEs)	1,000 mg/kg ⁸
B-7	Polychlorinated naphthalenes (more than 3 chlorine atoms)	50mg/kg ¹⁰
B-8	Radioactive substances	no threshold value ¹¹
B-9	Certain shortchain chlorinated paraffins (Alkanes, C10-C13, chloro)	1% ¹²

California Proposition 65 Statement

WARNING: Products listed as "[Exempted Lead RoHS 9/10, REACH, & CA Prop 65 \(MECP Lead above Threshold\) Compliant](#)" can expose you to chemicals including lead, which is known to cause cancer, birth defects, or other reproductive harm. For more information go to p65warnings.ca.gov

Proposition 65 is a California law that has been in effect since 1986 to promote clean drinking water and to require businesses to provide a clear and reasonable warning before exposing individuals to consumer products containing chemicals known to the state to cause cancer, birth defects or other reproductive harm. Proposition 65's formal title is "the safe drinking water and toxic enforcement act of 1986." It is administered by the CAL/EPA's office of environmental health hazard assessment (OEHHA).

The law requires that no person in the course of doing business shall knowingly and intentionally expose an individual to a chemical known to the state of California to cause cancer or reproductive toxicity without first giving a clear and reasonable warning. An official list of these substances is published and periodically updated by OEHHA. The list can be accessed at:

<https://oehha.ca.gov/proposition-65/proposition-65-list>.

Due to the presence of lead in certain aluminum, copper, and steel alloys, Advancement International Ltd provides product labels on the affected items that include the following warning:

WARNING: This product can expose you to chemicals including lead, which is known to cause cancer, birth defects, or other reproductive harm. For more information go to p65warnings.ca.gov

Certificate of Conformance

IHI further certifies that the parts shipped are made in conformance with materials and processes shown in the IHI sales catalog drawing provided to the customer at the time of order.

IHI accepts no duty to update this declaration, or to notify users of this declaration of updates or changes to this declaration. IHI shall not be liable for any damages, direct or indirect, consequential or otherwise, suffered by users or third parties as a result of the user's reliance on information in this declaration that has been updated or changed.

For International Hydraulics Inc. D.B.A. IHI Connectors,


Quality Team
International Hydraulics Inc. D.B.A. IHI Connectors

List of products that are Lead Free "10 of 10" RoHS & REACH compliant:

10850	11941-HEX-375	14141	14240
11703	11941-L	14141-M	14241
11703-M	13475	14236	15717
11939	13571	14237	15718
11941	13627	14237-M	
11941-M	13695		

**List of products that are "9 of 10" RoHS & REACH compliant
(permitted limited lead under exemption 6(a),(b)-I,(c)) :**

"Exempted Lead RoHS 9/10"

11181	11489	13562	14225
	12786	14224	14704-TIN

NOT A VALID CERTIFICATE OF COMPLIANCE. REPLACED 10/21/2021 WITH:
https://lugsdirect.com/PDF%20Documents/IHI_RoHS&REACH&CertificateOfConformanceByPartNumber.pdf

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