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## CERTIFICATE OF COMPLIANCE- EU RoHS Declaration

Company Name: Robroy Enclosures

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Part Number Information: (Please list the relevant part numbers here)

Part Number	EU RoHS Compliance Status (Yes, Yes with Exemption, No)	Exemption Ref Number
CE, CO, FR, M, T, WH-M	Yes	
AttaBox Accessories	Yes	

This is to certify that all parts supplied by the above company, as shown in the above part number list, meet the following requirements (please select one on the next page) of EU RoHS Directive 2011/65/EU and amended Directive (EU) 2015/863, except any that are marked as "No" in the EU RoHS Compliance Status. Exemptions are noted, if taken (Note: when the Exemption Ref Number is left blank, it means the part is in full compliance without using any exemptions). The list of allowable exemptions is included at the end of this Declaration

The following page identifies the specific RoHS substance list which the referenced products have been validated against. The selected RoHS list (RoHS-6 or RoHS-10) on the following page applies to all parts shown in the parts list above.

The product(s) identified in the above parts list as “RoHS Compliant” or “RoHS Compliant with exemption” on the previous page of this document do not contain the substances listed in the table below (EU RoHS 10 substances) in concentrations greater than the listed Maximum limit value at homogeneous material level or comply the current exemptions :

Substances	Maximum Limit (ppm)(1)
Cadmium (Cd)	100
Lead (Pb)	1000
Mercury (Hg)	1000
Hexavalent chromium (Cr6+)	1000
Polybrominated biphenyls (PBB)	1000
Polybrominated diphenyl ethers (PBDE)	1000
Bis(2-ethylhexyl) phthalate (DEHP)	1000
Butyl benzyl phthalate (BBP)	1000
Dibutyl phthalate (DBP)	1000
Diisobutyl phthalate (DIBP)	1000

**Note:** (1) Maximum limit does not apply to applications for which exemptions have been granted by the EU RoHS-2 Directive.

Authorized Signature:  \_\_\_\_\_

Name: Erik Faasen \_\_\_\_\_

Title: Plant Manager \_\_\_\_\_ Date: 03/25/2018 \_\_\_\_\_

## Allowable Exemptions

### Valid applications according to the Directive 2011/65/EU (Annex III)

Substance	Exemption Identity	Exemption Description EN
Hg	<b>1(C)</b>	Mercury in single capped (compact) fluorescent lamps not exceeding (per burner): For general lighting purposes greater than or equal to 50 W and less than 150 W; 5 mg
Hg	<b>1(D)</b>	Mercury in single capped (compact) fluorescent lamps not exceeding (per burner): For general lighting purposes greater than or equal to 150 W; 15 mg
Hg	<b>1(F)</b>	Mercury in single capped (compact) fluorescent lamps not exceeding (per burner): For special purposes: 5 mg
Hg	<b>2(B)(2)</b>	Mercury in other fluorescent lamps not exceeding (per lamp): Non-linear halophosphate lamps (all diameters): 15 mg
Hg	<b>4(E)</b>	Mercury in metal halide lamps (MH)
Hg	<b>4(F)</b>	Mercury in other discharge lamps for special purposes not specially mentioned in this Annex
Pb	<b>5(A)</b>	Lead in glass of cathode ray tubes
Pb	<b>5(B)</b>	Lead in glass of fluorescent tubes not exceeding 0.2% by weight
Pb	<b>6(A)</b>	Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0.35% lead by weight
Pb	<b>6(B)</b>	Lead as an alloying element in aluminium containing up to 0.4% lead by weight
Pb	<b>6(C)</b>	Copper alloy containing up to 4% lead by weight
Pb	<b>7(A)</b>	Lead in high melting temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead)
Pb	<b>7(B)</b>	Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signalling, transmission, and network management for telecommunications
Pb	<b>7(C)-I</b>	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectric devices, or in a glass or ceramic matrix compound
Pb	<b>7(C)-II</b>	Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or higher
Cd	<b>8(B)</b>	Cadmium and its compounds in electrical contacts

CrVI	<b>9</b>	Hexavalent chromium as an anticorrosion agent of the carbon steel cooling system in absorption refrigerators up to 0.75% by weight in the cooling solution
Pb	<b>9(B)</b>	Lead in bearing shells and bushes for refrigerant-containing compressors for heating, ventilation, air conditioning and refrigeration (HVACR) applications
Pb	<b>13(A)</b>	Lead in white glasses used for optical applications
Cd, Pb	<b>13(B)</b>	Cadmium and lead in filter glasses and glasses used for reflectance standards
Pb	<b>15</b>	Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit flip chip packages
Pb	<b>17</b>	Lead halide as radiant agent in high intensity discharge (HID) lamps used for professional reprography applications
Pb	<b>18(B)</b>	Lead as activator in the fluorescent powder (1% lead by weight or less) of discharge lamps when used as sun tanning lamps containing phosphors such as BSP (BaSi2O5:Pb)
Pb	<b>21</b>	Lead and cadmium in printing inks for the application of enamels on glasses, such as borosilicate and soda lime glasses
Pb	<b>24</b>	Lead in solders for the soldering to machined through hole discoidal and planar array ceramic multilayer capacitors
Pb	<b>25</b>	Lead oxide in surface conduction electron emitter displays (SED) used in structural elements, notably in the seal frit and frit ring
Pb	<b>29</b>	Lead bound in crystal glass as defined in Annex I (Categories 1, 2, 3 and 4) of Council Directive 69/493/EEC (1)
Cd	<b>30</b>	Cadmium alloys as electrical/mechanical solder joints to electrical conductors located directly on the voice coil in transducers used in high-powered loudspeakers with sound pressure levels of 100 dB (A) and more
Pb	<b>31</b>	Lead in soldering materials in mercury free flat fluorescent lamps (which e.g. are used for liquid crystal displays, design or industrial lighting)
Pb	<b>32</b>	Lead oxide in seal frit used for making window assemblies for Argon and Krypton laser tubes
Pb	<b>33</b>	Lead in solders for the soldering of thin copper wires of 100 micrometer diameter and less in power transformers