



ROHS CERTIFICATION

Distributed by: JBM CAMPLLONG, S.L.U.

Address: CIM La Selva – Crta. Aeroport Km 1.6 Nave 2.2, 17185 Vilobí d'Onyar, Girona

CIF (VAT number): B17419292

Product's description: FLEXIBLE ROTATING BEACON H1 12V 55W

Manufacturer's reference: WL136

Distributor's reference: 51964

The declaration object complies with the Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment, and the following standards:

Standard	Title	Edition/ Date
IEC62321-3-1	Determination of certain substances in electrotechnical products - Part 3-1: Screening - Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry.	2013
IEC62321-5	Determination of certain substances in electrotechnical products - Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS.	2013
IEC 62321-6	Determination of certain substances in electrotechnical products - Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography-mass spectrometry.	2015
IEC 62321-7-1	Determination of certain substances in electrotechnical products - Part 7-1: Hexavalent chromium - Presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method.	2015
IEC 62321-7-2	Determination of certain substances in electrotechnical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method.	2017
IEC 62321-4	Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS.	2013+AMD1:2017
IEC 62321-8	Determination of certain substances in electrotechnical products - Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas	2017

chromatography-mass spectrometry using a
pyrolyzer/thermal desorption accessory.

Signed by:



Eduard Godoy

Purchasing department director

Girona, 13th October, 2022

EMTEK (Shenzhen) Co., Ltd.
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Certificate of Compliance

No.: EM190521025CE

The following products have been tested by us with the listed standards and found in conformity with the Directive 2011/65/EU and its amendment (EU) 2015/863 of the European Parliament and of the Council with regard to the restriction of the use of certain hazardous substances in electrical and electronic equipment. It is possible to use RoHS marking to demonstrate the conformity with this Directive.

Applicant :

Address :

Sample Name : LED Warning Beacon

Model : See Test Report

Brand Name :

Test Standards : IEC62321-3-1:2013, IEC62321-5:2013, IEC 62321-6:2015
IEC 62321-7-1:2015 & IEC 62321-7-2:2017,
IEC 62321-4: 2013+AMD1:2017, IEC 62321-8:2017

RoHS



Jeny

Manager
May 27, 2019

This certification is part of the full test report(s) and should be read in conjunction with it. The certificate is based on a single evaluation of one sample of above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab. logo.

Test Report

No.: EM190521025CE

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Applicant :
Address :



Sample Name : LED Warning Beacon
Model : WL93G(main test), WL93T, WL93SC-G, WL93SC-T, WL96G, WL96T, WL97G, WL97T, WL117G, WL117T, WL98G, WL98T, WL95G, WL95T, WL167G, WL167T, WL190G, WL190T, WL140G, WL140T, WL169G, WL169T, WL104G, WL104T, WL216G, WL216T, WL211G, WL211T, WL214G, WL214T, WL212G, WL212T, WL105G, WL105T, WL215G, WL215T, WL218G, WL218T, WL110G, WL110T, WL213G, WL213T, WL217G, WL217T, WL192G, WL192T, WL135SC-G, WL135SC-T, WL135G, WL135T, WL150G, WL150T, WL210G, WL210T, WL160G, WL160T, WL145G, WL145T, WL136G, WL136T, WL159G, WL159T, WL191G, WL191T, WL186SC-G, WL186SC-T, WL190G, WL190T, WL148G, WL148T, WL219G, WL219T, WL181G, WL181T, WL180G, WL180T, WL185G, WL185T, WL182G, WL182T, WL186G, WL186T, WL184G, WL184T, WL412, WL412B, WL413, WL410, WL407, WL406, WL411, WL409, WL405, WL404, WL408, WL175A-G, WL175A-T, WL194SC-G, WL194SC-T, WL194G, WL194T, WL176BS-G, WL176BS-T, WL266G, WL266T, WL188G, WL188T, WL178G, WL178T, WL189G, WL189T, WL186G, WL186T, WL24G, WL24T, WL24SC-G, WL24SC-T, WL24A-G, WL24A-T, WL177G, WL177T, WL116G, WL116T, WL99G, WL99T, WL263G, WL263T, WL166G, WL166T, WL107G, WL107T, WL139G, WL139T, WL170G, WL170T

Brand Name :



Received Date : May 21, 2019
Test Period : May 21, 2019 ~ May 27, 2019

Test Requested : As requested by client, to evaluate the compliance of the submitted sample with EU RoHS Directive 2011/65/EU Annex II and its amendment (EU) 2015/863 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Test Method : 1. Review was performed for the sample and the related Bill of Material submitted by the Applicant.
2. a) To refer to the standard IEC 62321-2:2013, review was performed for the samples disjointed from the submitted articles.
b) To refer to the standard IEC 62321-1:2013, tests were performed for the samples indicated by the photos in this report.
c) To refer to the standard IEC 62321-3-1:2013: Screening by XRF Spectroscopy.

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EMTEK (Shenzhen) Co., Ltd. 308 Room 308 West Side of Electronic Factory of EIVOC Technology Industrial Park, No.11, Gaoxin Road, Guangrong Street, Guangrong New District, Shenzhen, Guangdong, China. <http://www.emtek.com.cn> E-mail: sz_csa@emtek.com.cn  Hotline: 4008 838 238

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d) Wet chemical test

- 1) to refer to IEC 62321-5:2013, determine the Lead(Pb),Cadmium(Cd) content by ICP-OES.
- 2) to refer to IEC 62321-4: 2013+AMD1:2017, determine the Mercury(Hg) content by ICP-OES.
- 3) to refer to IEC 62321-7-1:2015 & IEC 62321-7-2:2017, determine the Hexavalent Chromium(Cr(VI)) content by UV-VIS.
- 4) to refer to IEC 62321-6:2015, determine the Polybrominated Biphenyls (PBBs) and Polybrominated Diphenyl Ethers(PBDEs) by GC-MS.
- 5) to refer to IEC 62321-8:2017, determine the Bis(2-ethylhexyl)phthalate (DEHP), Dibutyl phthalate(DBP), Benzylbutyl phthalate(BBP) and Diisobutyl phthalate(DIBP) by GC-MS.

Test Results : Please refer to next page (s).

Executive Summary:

STANDARD	CONCLUSION
1. RoHS Directive(EU) 2015/863 amending Annex II to Directive 2011/65/EU -Pb, Cd, Hg, Cr(VI), PBBs, PBDEs	PASS
2. RoHS Directive(EU) 2015/863 amending Annex II to Directive 2011/65/EU -Phthalates (DBP, BBP, DEHP, DIBP) contents (Client's Requirement)	PASS

Signed for and on behalf of

EMTEK (Shenzhen) Co., Ltd.

Tested by:


Daneng
Test engineer

Reviewed by:


Qu xiang
Technical supervisor

Approved by:


Jerry
Authorized signatory
May 27, 2019

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