

June 6, 2019

Subject: RoHS Certificate of Compliance Statement from PolyScience

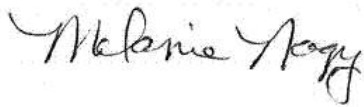
PolyScience certifies that the products manufactured at our Niles, IL facility are in full compliance with the requirements called out in the European Union's Restriction on Use of Hazardous Substances in Electrical and Electronic Equipment (RoHS 2) Directive, 2011/65/EU and Directive 2015/863 (RoHS3).

PolyScience defines "RoHS Compliant" to mean that banned substances are not added during the manufacturing process and finished products have upper concentrations within RoHS defined acceptable limits.

PolyScience will continue to comply with and support any updates to the European Union's Restriction on Use of Hazardous Substances in Electrical and Electronic Equipment Directive, 2011/65/EU and Directive 2015/863.

The four phthalate substances (DEHP, BBP, DIBP and DBP) become restricted as of 7/22/2019 for all electronic and electrical equipment except the restriction applies from 7/22/2021 for monitoring and control instruments, including industrial monitoring and control instruments.

<b><u>RoHS Directive 2011/65/EU and Directive 2015/863 Restricted Substances</u></b>
1. Cadmium/Cadmium compounds (Cd) (<100 ppm)
2. Hexavalent Chromium, Hexavalent Chromium compounds (Cr+6) (<1000 ppm)
3. Lead/Lead compounds (Pb) (<1000 ppm)
4. Mercury/Mercury compounds (Hg) (<1000 ppm)
5. Polybrominated Biphenyls (PBB) (<1000 ppm)
6. Polybrominated Diphenylethers (PBDE) (<1000 ppm)
7. Bis(2-ethylhexyl) phthalate (DEHP) (<1000 ppm)
8. Butyl benzyl phthalate (BBP) (<1000 ppm)
9. Dibutyl phthalate (DBP) (<1000 ppm)
10. Diisobutyl phthalate (DIBP) (<1000 ppm)



Melanie Nagy  
Regulatory Compliance Product Engineer

March 2, 2020

Subject: REACH SVHC Certificate of Compliance Statement from PolyScience

Based on information obtained from our component suppliers and our internal review, this document certifies that except as indicated, PolyScience products do not contain Substances of Very High Concern (SVHC) as listed by the European Chemicals Agency (ECHA) under the provisions of Regulation (EC) No. 1907/2006 and according to the latest updating of 205 SVHC nor are they intentionally added in the manufacture of the formulation of our products by us or by our raw material suppliers.

Lead, CAS# 7439-92-1 may be present as allowed under the exemptions listed in Annex III and IV of the RoHS Directive 2011/65/EU.



Melanie Nagy  
Regulatory Compliance Product Engineer  
PolyScience

# CERTIFICATE OF REGISTRATION



QUALITY SYSTEMS REGISTRARS

THE FIRST ANAB ACCREDITED REGISTRAR ESTABLISHED 1991

This is to certify that the management system of:

## ***PolyScience***

Client Number: 99076-INT  
6600 West Touhy Avenue  
Niles, IL 60714-4588

Has been assessed and certified as meeting the requirements of:

### **ISO 9001:2015 / 14001:2015**

This certificate of registration remains valid subject to satisfactory surveillance audits for the following activities:

**Design, manufacture and service the constant temperature equipment, as well as, the OEM and turnkey products we produce that are used in laboratory and/or industrial applications. These activities are located at 6600 W. Touhy Avenue, Niles, IL. 60714.**

**Warehouse and shipping activities are located at 5709 W Howard Street, Niles, IL. 60714 and 5743 W Howard Street, Niles, IL. 60714.**

**All processes at locations listed that interact with, or have impact on the environment, including our products and services, have led to the implementation of recycling programs, energy conservation, minimization of waste and effects on landfills.**

<u>Standard</u>	<u>Certificate Number</u>	<u>Certified Since</u>
ISO 9001:2015 / 14001:2015	QSR-INT-108	12/15/1999
<u>Date Issued</u>	<u>Certification Date</u>	<u>Valid Until</u>
11/15/2023	3/16/2024	3/15/2027



CAROL L. TILLMAN  
VICE PRESIDENT



Division of Preston Industries, Inc.

6600 W. Touhy Ave  
Niles, IL 60714-4516 USA

An ISO 9001 Certified Company  
Established 1963

Tel: +1 (847) 647-0611  
Fax: +1 (847) 647-1155

## EU Declaration of Conformity - Original

The Products herewith complies with the requirements, as stated below, in accordance to the Machinery Directive 2006/42/EC Annex I, the Electromagnetic Compatibility Directive 2014/30/EU and the RoHS2 Directive 2011/65/EU and carries the **CE** marking accordingly.

We herewith declare:	PolyScience Division of Preston Industries, Inc. 6600 West Touhy Avenue P.O. Box 48312 Niles, Illinois 60714, USA	Authorized Representative in Europe: (Please contact for regulatory inquiring only.)	Alura Group BV P.O. Box 18626 2502 EP The Hauge The Netherlands [Tel] 31-0-70-362-4896 [Fax] 31-0-70-737-0755
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That the following equipment complies with the essential requirements in respect to safety and health, in accordance to the EC Directives based on its design and type, as brought into circulation by us. In case of alteration of the equipment, not agreed upon by us, this will lose its validity.

Product Description: Compact Chillers

Models:  
1. MM Series  
2. LM Series  
3. LS Series

Serial Number 208700062 onwards. From September 1, 2017 onwards also includes serial numbers formatted AABB-XXXXX, where AA = year of manufacture and BB = month of manufacture

Applicable Directives and Product Standards: Machinery Directive 2006/42/EC Annex I  
Electromagnetic Compatibility 2014/30/EU  
RoHS2 Directive 2011/65/EU

and relevant transpositions into national law of the member states, including, but not limited to the following Product Standards:

EN 61010-1 :2010, EN 61010-2-010:2014  
EN 61326-1 :2013, EN 50581:2012

Testing Bodies: TÜV Rheinland North America  
Midwest EMI Associates

Signature on Behalf of  
Manufacturer or  
Authorized  
Representative:



July 29, 2019

Title of Signatory: Andrew Witt  
Engineering Manager

# Certificate



Certificate no.

CU 72150294 01

**License Holder:**  
PolyScience  
6600 West Touhy Avenue  
Niles IL 60714-4516  
USA

**Manufacturing Plant:**  
PolyScience  
6600 West Touhy Avenue  
Niles IL 60714-4516  
USA

**Test report no.:** USA-LG 31570323 002      **Client Reference:** Melanie Nagy  
**Tested to:** UL 61010-1:2012  
UL 61010-2-010:2015  
CAN/CSA-C22.2 NO. 61010-1-12  
CAN/CSA-C22.2 NO. 61010-2-010-04 (R2014)

**Certified Product:** Liquid to Air Recirculator

**License Fee - Units**

**Model Designation:**

- 1) 1/4 to 1HP, 3 Series: 3XXXXXXXXXX;
  - 2) 1/4 to 1HP, 5 Series: 5XXXXXXXXXX;
  - 3) 1/4 to 1HP, 6 Series: 6XXXXXXXXXX;
  - 4) 1.5HP, 5 Series: 5XXXXXXXXXX;
  - 5) 1.5HP, 6 Series: 6XXXXXXXXXX;
  - 6) 3370 Series: 337XXXXXXXX;
  - 7) 4000 Series: 4XXXXXXXXXX;
  - 8) L, M, H Series: LXXXXXXXXXX, MXXXXXXXXXX,  
HXXXXXXXXXX
- (X = 0-9, A-Z; see Appendix (Constr. Data Form))

7

contd.

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Appendix: 1, 1-25

**Licensed Test mark:**



**Date of Issue**  
(day/mo/yr)  
05/08/2015

# Certificate



Certificate no.

CU 72150294 02

**License Holder:**  
PolyScience  
6600 West Touhy Avenue  
Niles IL 60714-4516  
USA

**Manufacturing Plant:**  
PolyScience  
6600 West Touhy Avenue  
Niles IL 60714-4516  
USA

**Test report no.:** USA-LG 31570323 002

**Client Reference:** Melanie Nagy

**Tested to:** UL 61010-1:2012  
UL 61010-2-010:2015  
CAN/CSA-C22.2 NO. 61010-1-12  
CAN/CSA-C22.2 NO. 61010-2-010-04 (R2014)

**Certified Product:** Liquid to Air Recirculator

**License Fee - Units**

contd.

**Rated Voltage:**

- 1) AC 120V/230V/240V, 60/60/50Hz
- 2) AC 120V/230V/240V, 60/(50/60)/60/50Hz
- 3) AC 120V/230V/240V/460V, 60/60/50/50Hz
- 4) 3 AC 208-230V/230V/240V/380V, 50/60Hz
- 5) 3 AC 230V/240V/460V, 50/60Hz
- 6) AC 120V, 50/60Hz; AC 230V/240V, 50/60Hz
- 7) AC 120V/230V, 50/60Hz
- 8) AC 120V/230V/240V, 60/60/50Hz

contd.

**Licensed Test mark:**



**Date of Issue**

(day/mo/yr)

05/08/2015

# Certificate



Certificate no.

CU 72150294 03

**License Holder:**  
PolyScience  
6600 West Touhy Avenue  
Niles IL 60714-4516  
USA

**Manufacturing Plant:**  
PolyScience  
6600 West Touhy Avenue  
Niles IL 60714-4516  
USA

**Test report no.:** USA-LG 31570323 002

**Client Reference:** Melanie Nagy

**Tested to:** UL 61010-1:2012  
UL 61010-2-010:2015  
CAN/CSA-C22.2 NO. 61010-1-12  
CAN/CSA-C22.2 NO. 61010-2-010-04 (R2014)

**Certified Product:** Liquid to Air Recirculator

**License Fee - Units**

contd.

**Rated Current:**

- 1) 16.0A/12.2A/12.5A max.
- 2) 13.5A/12.2A/12.5A max.
- 3) 16.0A/12.2A/12.5A/7.8A max.
- 4) 35A max.
- 5) 29A max.
- 6) 8A; 4A
- 7) 7.0A max.
- 8) 12A/6A/6A max.

**Protection Class:** I

**Licensed Test mark:**



**Date of Issue**  
(day/mo/yr)  
05/08/2015