

EU TYPE EXAMINATION CERTIFICATE - PRODUCTION TYPE

This is to certify that LRQA Nederland B.V., an Notified Body under the terms of the Pressure Equipment Directive 2014/68/EU, did (in accordance with Module B of the Directive) undertake a design examination on the stated pressure equipment to ensure conformity with the requirements of the Directive which apply. The pressure equipment identified below was shown to comply.

This certificate is issued to:

APPLICANT:

Hansen Technologies Corporation

**Location 1: 681 Commerce Street,
Burr Ridge, IL 60527, USA**

**Location 2: 3475 Old Maysville Rd.,
Commerce, GA 30529, USA**

PRODUCT DESCRIPTION:

Refrigerant Pressure Relief Valve (Series: H56xx)

PRODUCT TYPE:

Safety Accessory

DESIGN STANDARD:

**ASME B31.5: 2019 Edition, ASME Section VIII, Div. 1:
2021 Edition and ASME Section XIII: 2021 Edition**

The attached Schedule details the content of the Technical Documentation and Specified Standards and shall form a part of this certificate.

"This Certificate is not valid for pressure equipment, the design, ratings or operational parameters of which have been varied from the specimen tested. The manufacturer shall notify LRQA Nederland B.V. of any modification or changes to the equipment to maintain a valid certificate."

"This certificate is valid for ten years from the date of issue."

Certificate No.: 0343/PED/ROT/20020155/A

Original Approval: 25 March 2002

Current Certificate: 28 November 2022

Certificate Expiry: 24 November 2032

Notified Body No. 0343

P. Mintzaridis on behalf of LRQA Nederland B.V.

LRQA Nederland B.V. (Reg. no. 24247948) is a private limited company registered in the Netherlands with registered office at George Hintzenweg 77, 3068 AX Rotterdam. A subsidiary of LRQA Group Limited.

LRQA Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'LRQA'. LRQA assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant LRQA entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

CERTIFICATE SCHEDULE 0343/PED/ROT/20020155/A

Equipment data:

Product Description: Refrigerant Pressure Relief Valve (Series: H56xx)
Product Type: Safety Accessory
Maximum Design Pressure: 406.11 psig (28.00 barg)
Capacity: ½" through 1½" (DN13 through DN40)

The undermentioned documents have been reviewed for compliance with the Pressure Equipment Directive 2014/68/EU and the following Design Standard(s):

ASME B31.5: 2019 Edition, ASME Section VIII, Div. 1: 2013 Edition
& ASME Section XIII :2021 Edition

Technical File Contents

Title	Document Number	Date
As detailed in Design Appraisal Document - PRJ11100391213-020-1, issue 0, dated 23 November 2022. National Board NB18 Report	NB18	04 December 2020

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Title	Document Number	Date
Design Appraisal Document Inspection Certificate	PRJ11100391213-020-1, issue 0 PRJ11100391213	23 November 2022 23 November 2022

Schedule Issue: 02
 Date of Schedule Issue: 28 November 2022
 Notified Body No.: 0343



P. Mintzaridis on behalf of LRQA Nederland B.V.

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EU TYPE EXAMINATION CERTIFICATE - PRODUCTION TYPE

This is to certify that LRQA Nederland B.V., an Notified Body under the terms of the Pressure Equipment Directive 2014/68/EU, did (in accordance with Module B of the Directive) undertake a design examination on the stated pressure equipment to ensure conformity with the requirements of the Directive which apply. The pressure equipment identified below was shown to comply.

This certificate is issued to:

APPLICANT: **Hansen Technologies Corporation**
Location 1: 681 Commerce Street,
Burr Ridge, IL 60527, USA
Location 2: 3475 Old Maysville Rd.,
Commerce, GA 30529, USA

PRODUCT DESCRIPTION: **Cartridge Pressure Relief Valve (Series: EZ-SRV)**

PRODUCT TYPE: **Safety Accessory**

DESIGN STANDARD: **ASME B31.5: 2019 Edition, ASME Section VIII, Div. 1: 2021 Edition and ASME Section XIII: 2021 Edition**

The attached Schedule details the content of the Technical Documentation and Specified Standards and shall form a part of this certificate.

"This Certificate is not valid for pressure equipment, the design, ratings or operational parameters of which have been varied from the specimen tested. The manufacturer shall notify LRQA Nederland B.V. of any modification or changes to the equipment to maintain a valid certificate."

"This certificate is valid for ten years from the date of issue."

Certificate No.: 0343/PED/ROT/NAO0102531/1
 Original Approval: 27 November 2012
 Current Certificate: 28 November 2022
 Certificate Expiry: 26 November 2032
 Notified Body No. 0343

P. Mintzaridis on behalf of LRQA Nederland B.V.

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CERTIFICATE SCHEDULE

0343/PED/ROT/NAO0102531/1

Equipment data:

Product Description:	Cartridge Pressure Relief Valve (Series: EZ-SRV)	
Product Type:	Safety Accessory	
Maximum Design Pressure:	Series EZE, EZF	406.11 psig (28.00 barg)
	Series EZA, EZB, EZC, EZQL	600.00 psig (41.37 barg)
Capacity:	½" through 1½" (DN13 through DN40)	

The undermentioned documents have been reviewed for compliance with the Pressure Equipment Directive 2014/68/EU and the following Design Standard(s):

ASME B31.5: 2019 Edition, ASME Section VIII, Div. 1: 2013 Edition
& ASME Section XIII :2021 Edition

Technical File Contents

Title	Document Number	Date
As detailed in Design Appraisal Document PRJ11100391213-020-1, issue 0, dated 23 November 2022.	-	-
National Board NB18 Report	NB18	04 December 2020

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Title	Document Number	Date
Design Appraisal Document	PRJ11100391213-020-1, issue 0	23 November 2022
Inspection Certificate	PRJ11100391213	23 November 2022
Inspection Certificate	NAO0102531/1	17 October 2012

Schedule Issue:	02
Date of Schedule Issue:	28 November 2022
Notified Body No.:	0343



P. Mintzaridis on behalf of LRQA Nederland B.V.

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EU TYPE EXAMINATION CERTIFICATE - PRODUCTION TYPE

This is to certify that LRQA Nederland B.V., a Notified Body under the terms of the Pressure Equipment Directive 2014/68/EU, did (in accordance with Module B of the Directive) undertake a type examination on the stated pressure equipment to ensure conformity with the requirements of the Directive which apply. The pressure equipment identified below was shown to comply.

This certificate is issued to:

APPLICANT: **Hansen Technologies Corporation**
Location 1: 681 Commerce Street,
Burr Ridge, IL 60527, USA
Location 2: 3475 Old Maysville Rd.,
Commerce, GA 30529, USA

PRODUCT DESCRIPTION: **Refrigerant Float Switch (Series: HLL and CHLL)**

PRODUCT TYPE: **Safety Accessory**

DESIGN STANDARD: **Pressure Equipment Directive 2014/68/EU**

The attached Schedule details the content of the Technical Documentation and Specified Standards and shall form part of this certificate.

"This Certificate is not valid for pressure equipment, the design, ratings or operational parameters of which have been varied from the specimen tested. The manufacturer shall notify the Notified Body of any modification or changes to the pressure equipment to maintain a valid certificate."

Certificate No.: 0343/PED/ROT/20020155/C

Original Approval: 24 October 2003

Current Issue: 25 October 2023

Certificate Expiry: 23 October 2033

Notified Body No. 0343


Shyam Gopalakrishnan on behalf of LRQA Nederland B.V.

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CERTIFICATE SCHEDULE 0343/PED/ROT/20020155/C

Equipment data:

Product Description: Refrigerant Float Switch (Series: HLL and CHLL)
Product Type: Safety Accessory
Maximum Design Pressure: 28.0 bar(g) and 41.0 bar(g)
Size: 4" (100 mm) Nominal Body Diameter.

The undermentioned documents have been reviewed for compliance with the Pressure Equipment Directive 2014/68/EU.

Technical File Contents

Title	Document Number	Revision
Technical File <ul style="list-style-type: none"> - Product Description. - Product categorization and module selection. - Sample bill of material. - Essential Safety Requirements. - Risk Assessment/PFMEAs. - Design Calculations. - Particular Material Appraisal. - Declaration of Conformity. - Product bulletins. - Sample drawings. 	EF 109	G

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Title	Document Number	Date
Design Appraisal Document	BPA 2102016/1 Issue No. 0	22 December 2021
Inspection Certificate	PRJ11000418682	17 October 2023

Schedule Issue: 02
 Date of Schedule Issue: 25 October 2023
 Notified Body No. 0343



 Shyam Gopalakrishnan on behalf of LRQA Nederland B.V.

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