



Certificate of Registration

This certificate has been awarded to

Germany Hitze Industry CO.,LTD

Room 803 8/F Easey Commercial Building 253-261 Hennessy
Road Wanchai Hongkong

In recognition of the organization's Occupational Health and Safety Management System which complies with

ISO 45001:2018

The scope of activities covered by this certificate is defined below

**Occupational Health and Safety Management Activities related Manufacture of
Plumbing Pipe (PPR Pipe, Aluminum-Plastic Composite Pipe, PERT Ground Heating
Pipe, PE Pipe, PEX Pipe, PVC Pipe, Braided Pipe) and Joint Fittings**

Certificate Number 108211/C/0001/UK/En			
<small>A certificate number of 0001, confirms the Client has a single site Certified & the site is their Head Office or Main site in relation to the Certified scope with URS. A certificate number of 0002, or greater (e.g.: xxxxx/B/0002/UK/En) refers to a client that has more than one site certified with URS, as such, the following statement shall apply - 'The validity of this certificate depends on the validity of the main certificate'.</small>			
Date of Issue of Certification Cycle	Issue Number	Certificate Expiry Date	Certification Cycle
08 December 2022	1	07 December 2025	1
Revision Date	Revision Number	Original Certificate Issue Date	Scheme Number
08 December 2022	0	08 December 2022	n/a

For detailed explanation for the data fields above, refer to <http://www.urs-holdings.com/logos-and-regulations>

Issued by

Mukesh Singhal - On behalf of the Schemes Manager





Certificate of Registration

This certificate has been awarded to

Germany Hitze Industry CO.,LTD

**Room 803 8/F Easey Commercial Building 253-261 Hennessy
Road Wanchai Hongkong**

in recognition of the organization's Environmental Management System which complies with

ISO 14001:2015

The scope of activities covered by this certificate is defined below

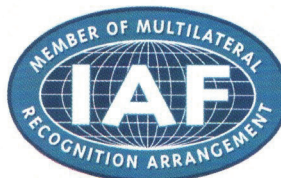
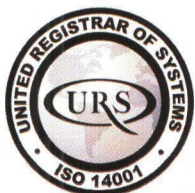
**Environmental Management Activities related Manufacture of Plumbing Pipe
(PPR Pipe, Aluminum-Plastic Composite Pipe, PERT Ground Heating Pipe, PE Pipe,
PEX Pipe, PVC Pipe, Braided Pipe) and Joint Fittings**

Certificate Number 108211/B/0001/UK/En			
<small>A certificate number of 0001, confirms the Client has a single site Certified & the site is their Head Office or Main site in relation to the Certified scope with URS. A certificate number of 0002, or greater (e.g.: xxxxx/B/0002/UK/En) refers to a client that has more than one site certified with URS, as such, the following statement shall apply - 'The validity of this certificate depends on the validity of the main certificate'.</small>			
Date of Issue of Certification Cycle	Issue Number	Certificate Expiry Date	Certification Cycle
13 December 2022	2	12 December 2025	2
Revision Date	Revision Number	Original Certificate Issue Date	Scheme Number
07 December 2022	0	13 December 2019	n/a

For detailed explanation for the data fields above, refer to <http://www.urs-holdings.com/logos-and-regulations>

Issued by

Mukesh Singhal - On behalf of the Schemes Manager





Certificate of Registration

This certificate has been awarded to

Germany Hitze Industry CO.,LTD

**Room 803 8/F Easey Commercial Building 253-261 Hennessy
Road Wanchai Hongkong**

in recognition of the organization's Quality Management System which complies with

ISO 9001:2015

The scope of activities covered by this certificate is defined below

**Manufacture of Plumbing Pipe (PPR Pipe, Aluminum-Plastic Composite Pipe, PERT
Ground Heating Pipe, PE Pipe, PEX Pipe, PVC Pipe, Braided Pipe) and Joint Fittings**

Certificate Number 108211/A/0001/UK/En			
<small>A certificate number of 0001, confirms the Client has a single site Certified & the site is their Head Office or Main site in relation to the Certified scope with URS. A certificate number of 0002, or greater (e.g.: xxxxx/B/0002/UK/En) refers to a client that has more than one site certified with URS, as such, the following statement shall apply - 'The validity of this certificate depends on the validity of the main certificate'.</small>			
Date of Issue of Certification Cycle	Issue Number	Certificate Expiry Date	Certification Cycle
07 December 2022	2	29 November 2025	2
Revision Date	Revision Number	Original Certificate Issue Date	Scheme Number
07 December 2022	0	30 November 2019	n/a

For detailed explanation for the data fields above, refer to <http://www.urs-holdings.com/logos-and-regulations>

Issued by

Mukesh Singhal - On behalf of the Schemes Manager





STANDARDSMARK LICENCE

SAI Global hereby grants:

Germany Hitze Industry CO.,LTD

Room 803 8/F Easey Commercial Building 253-261 Hennessy Road Wanchai Hongkong

StandardsMark Licence

Manufactured to:

AS 4176.8-2010 - Multilayer pipes for pressure applications - Multilayer pipe systems for consumer gas installations with a maximum operating pressure up to and including 5 bar (500 kPa) - Specifications for systems (ISO 17484-1:2006, MOD)

"the StandardsMark Licensee" the right to use the STANDARDSMARK as shown below only in respect of the goods described and detailed in the Schedule which are produced by the Licensee or on behalf of the Licensee* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the STANDARDSMARK and the Terms and Conditions for certification and licence. The Licensee covenants to comply with all the Rules and Terms and Conditions.

Licence No: SMK41122

Issued : 20 September 2021

Expires : 4 March 2026

Originally Certified : 5 March 2021

Current Certification : 20 September 2021

Frank Camasta
Global Head of Technical Services
SAI Global Assurance



* For details of manufacture, refer to the licensee

The STANDARDSMARK is a registered certification trademark of SAI Global Pty Limited (A.C.N. 050 644 642) and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to www.saiglobal.com, for the list of product models.



SCHEDULE TO STANDARDSMARK LICENCE

SAI Global hereby grants:

Germany Hitze Industry CO.,LTD

Room 803 8/F Easey Commercial Building 253-261 Hennessy Road Wanchai Hongkong

StandardsMark Licence

Manufactured to:

AS 4176.8-2010 - Multilayer pipes for pressure applications - Multilayer pipe systems for consumer gas installations with a maximum operating pressure up to and including 5 bar (500 kPa) - Specifications for systems (ISO 17484-1:2006, MOD)

Model identification of the goods on which the STANDARDSMARK may be used:

Model Identification	Model Name	Brand Name	Product Description	Product Type	Nominal Size (DN)	Pressure Classification (PN)	End Connection Designation	Material Designation	Comments	Colour	Date Endorsed
16"2.0	PE-AL-PE pipe	IFAN/ https://register.saiglobal.com/client/schedule.aspx?setID=SF01&custID=AS755922&appCertNo=SMK41122	PE-AL-PE pipe	PE-AL-PE pipe	16	500 KPa	16mm	PE-AL-PE	yellow+black, white+black	yellow+black, white+black	15 Sep 2021
20"2.0	PE-AL-PE pipe	IFAN/ https://register.saiglobal.com/client/schedule.aspx?setID=SF01&custID=AS755922&appCertNo=SMK41122	PE-AL-PE pipe	PE-AL-PE pipe	20	500 KPa	20mm	PE-AL-PE	yellow+black, white+black	yellow+black, white+black	15 Sep 2021
25"2.5	PE-AL-PE pipe	IFAN/ https://register.saiglobal.com/client/schedule.aspx?setID=SF01&custID=AS755922&appCertNo=SMK41122	PE-AL-PE pipe	PE-AL-PE pipe	25	500 KPa	25mm	PE-AL-PE	yellow+black, white+black	yellow+black, white+black	15 Sep 2021
32"3.0	PE-AL-PE pipe	IFAN/ https://register.saiglobal.com/client/schedule.aspx?setID=SF01&custID=AS755922&appCertNo=SMK41122	PE-AL-PE pipe	PE-AL-PE pipe	32	500 KPa	32mm	PE-AL-PE	yellow+black, white+black	yellow+black, white+black	15 Sep 2021

End of Record

Licence No: SMK41122

Issued Date: 20 September 2021

This schedule supersedes all previously issued schedules



* For details of manufacture, refer to the licensee

The STANDARDSMARK is a registered certification trademark of SAI Global Pty Limited (A.C.N. 050 644 642) and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to the Schedule for the list of product models.

ЕВРАЗИЙСКИЙ ЭКОНОМИЧЕСКИЙ СОЮЗ

ДЕКЛАРАЦИЯ О СООТВЕТСТВИИ



Заявитель Индивидуальный предприниматель Седлов Алексей Николаевич

Место жительства и адрес места осуществления деятельности: Российская Федерация, Пермский край, 614022, город Пермь, проспект Декабристов, дом 7, квартира 40, основной государственный регистрационный номер индивидуального предпринимателя: 305590520800013, номер телефона: +78005500110, адрес электронной почты: Vasilevich@arvad.ru

в лице

заявляет, что Арматура промышленная запорная: краны шаровые, клапаны обратные, воздухоотводчики, клапаны запорные, торговая марка: "Hitze"

изготовитель Germany Hitze Industry CO.,LTD, Место нахождения и адрес места осуществления деятельности по изготовлению продукции: Room 803 8/F Easey Commercial Building 253-261 Hennessy Road Wanchai Hongkong Китай.

Код ТН ВЭД ЕАЭС 8481309908, 8481808199, 8481807900, 8481409009, 8481803100. Серийный выпуск соответствует требованиям

ТР ТС 010/2011 "О безопасности машин и оборудования", утвержден Решением Комиссии Таможенного союза от 18 октября 2011 года № 823

Декларация о соответствии принята на основании

Протокола испытаний № ЭР/2019-2198 от 07.05.2019 года, выданного Обществом с ограниченной ответственностью "Эволюция Роста", аттестат аккредитации РОСС RU.32055.ИЛ.00001, сроком действия до 20.03.2022 года.

Схема декларирования 1д

Дополнительная информация

ГОСТ 12.2.003-91 "Система стандартов безопасности труда. Оборудование производственное. Общие требования безопасности". Условия хранения продукции в соответствии с ГОСТ 15150-69 "Машины, приборы и другие технические изделия. Исполнения для различных климатических районов. Категории, условия эксплуатации, хранения и транспортирования в части воздействия климатических факторов внешней среды", срок хранения (службы, годности) указан в прилагаемой к продукции товаросопроводительной и/или эксплуатационной документации.

Декларация о соответствии действительна с даты регистрации по 06.05.2024 включительно



М. П.

Седлов Алексей Николаевич

(Ф.И.О. заявителя)

Регистрационный номер декларации о соответствии: ЕАЭС N RU Д-CN.НА78.В.04361/19

Дата регистрации декларации о соответствии: 07.05.2019



ATTESTATION OF CONFORMITY

The Company mentioned below has been audited by the Notified Body UDEM, according to the Regulation (EU) No 305/2011 - Construction Products Annex V Clause 1.5

Company Name : **Germany Hitze Industry CO.,LTD**

Company Address : **Room 803 8/F Easey Commercial Building 253-261 Hennessy Road Wanchai Hongkong**

Related Directives and Annex : **Regulation (EU) No 305/2011 - Construction Products Annex V Clause 1.5**

Related Standards : **EN 16284:2013**

Product Name : **PEX ALUMINIUM PEX PIPE**

Report No and Date : **TCZJ24041156827**

Product Brand/Model/Type : **Hitze // 10-32MM**

Certificate Number : **M.2024.206.C99457**

Initial Assessment Date : **15.04.2024**

Registration Date : **16.04.2024**

Reissue Date/No : **-**

Expiry Date : **15.04.2029**

UDEM International Certification
Auditing Training Centre Industry
and Trade Inc. Co.
Mustafa MEMİSOGLU
General Manager

The validity of the certificate can be checked through www.udem.com.tr. Upon completion of EC declaration of conformity, it is used solely at the manufacturer's responsibility. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Inc. Co. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be noticed in case of any changes on the product(s)

Address: **Mutlukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya Ankara - Türkiye**

Phone: **+90 0312 443 03 90** Fax: **+90 0312 443 03 76**

E-mail: **info@udem.com.tr** www.udem.com.tr



Fiscal Year 2023-2024

Food Facility Registration

This certifies that:

GERMANY HITZE INDUSTRY CO.,LTD
ROOM 803 8/F EASEY COMMERCIAL BUILDING
253-261 HENNESSY ROAD WANCHAI HONGKONG

is registered with the U.S. Food and Drug Administration pursuant to section 305 of the United States Public Health Security and Bioterrorism Preparedness and Response Act of 2002, P.L. 107-188, such registration having been verified as currently effective on the date hereof by Shenzhen Zhongan Quality Inspection and Certification Co., Ltd.

U.S. FDA Registration No.: 12846017040

U.S. Registration Agent: SOUTH BAY INNOVATION LLC

This file just indicate that the file-holder's registers its facility in FFR . The establishment registered with Food Facility Registration does not denote anything other than that they have provided certain information to FDA.

This file affirms that the above stated facility is registered with the U.S. Food and Drug Administration pursuant to section 305 of the U.S. Public Health Security and Bioterrorism Preparedness and Response Act of 2002, P.L. 107-188, the registration remains effective until the expiration of 12/31/2024, unless terminated by FDA after issuance of this file.

CCTS makes no other presentations or warranties, nor does this certificate make any representations or warranties to any person or entity other than the named file holder, for whose sole benefit it is issued. CCTS assume no liability to any person or entity in connection with the foregoing. The U.S. Food and Drug Administration does not issue a certificate of registration, nor does the U.S. Food and Drug Administration recognize a certificate of registration. CCTS is not affiliated with the U.S. Food and Drug Administration.



Shenzhen Zhongan Quality Inspection and Certification Co., Ltd.

Issued: May 5, 2023

Expiration Date: December 31, 2024



Web: <http://www.fda.gov> Tel: 1-888-INFO-FDA (1-888-463-6332) e-mail: webmail@oc.fda.gov

CCTS Web: www.ccts-lab.com

Tel: 4008-078-685



Management Service

CERTIFICATE

The Certification Body
 of TÜV SÜD Management Service GmbH

certifies that



Germany Hitze Industry CO.,LTD

Room 803 8/F Easey Commercial Building 253-261 Hennessy Road
 Wanchai Hongkong

has established and applies
 a Quality Management System for

**Manufacture and Supply of
 Plastic Pipes, Pipe Fittings
 and Plumbing System Components.**

An audit was performed, Report No. **70120082**.

Proof has been furnished that the requirements
 according to

ISO 9001:2008

are fulfilled.

The certificate is valid from **2022-08-20** until **2025-08-19**.

Certificate Registration No.: **12 100 28568 TMS**.

M. Wegner

Product Compliance Management
 Munich, 2022-08-20



Certificate

SKZ - TeConA GmbH awards the following company

Germany Hitze Industry CO.,LTD
Hitze
Room 803 8/F
Easey Commercial Building 253-261
Hennessy Road Wanchai Hongkong

the right to use the **SKZ** - testing and inspection mark



A 451

Production plant: **Germany Hitze Industry CO.,LTD**

Trade name: **Hitze**

for the following plastic products

Pressure pipes made of polypropylene PP-R
SKZ - specification for tests and inspection **HR 3.10**

Users of the **SKZ** - mark are obliged to observe the required regulations for the production and testing of these products.

Date of initial certification: 11 December 2014

Date of expiry: 16 December 2024



Würzburg, 17 December 2019

i. V.

Certification body

DVGW type examination certificate

DVGW-Baumusterprüfzertifikat

DW-8317BS0309

Registration Number
Registriernummer

Field of Application <i>Anwendungsbereich</i>	products of water supply <i>Produkte der Wasserversorgung</i>
Owner of Certificate <i>Zertifikatinhaber</i>	Germany Hitze Industry CO.,LTD Room 803 8/F Easey Commercial Building 253-261 Hennessy Road Wanchai Hongkong
Distributor <i>Vertreiber</i>	Germany Hitze Industry CO.,LTD Room 803 8/F Easey Commercial Building 253-261 Hennessy Road Wanchai Hongkong
Product Category <i>Produktart</i>	plastic pipes for drinking water installations: PP-R, SDR 6 (8317)
Product Description <i>Produktbezeichnung</i>	plastic pipes made of PP-R for the drinking water installation
Model <i>Modell</i>	Hitze
Test Reports <i>Prüfberichte</i>	mechanical test: 431411/1.1/98368 from 27.03.2019 (SKZ) type testing: 81164/08 from 26.09.2018 (SKZ) type testing: 71395/05-II from 13.07.2014 (SKZ) KTW testing: K-215129-12-Bs/st from 29.03.2019 (WHY) hygienic testing: MO 019/11 from 15.02.2018 (TZW) KTW testing: K-203583-11-Bs/st from 22.07.2018 (WHY) hygienic testing: W-189189ke-10-SI from 19.04.2017 (WHY)
Test Basis <i>Prüfgrundlagen</i>	DVGW W 544 (01.05.2007) UBA KTW (07.10.2008) DVGW W 270 (01.11.2007)
Date of Expiry / File No. <i>Ablaufdatum / Aktenzeichen</i>	13.07.2024 / 12-0441-WNV

20.09.2019 GLA-1/2

Date, Issued by, Sheet, Head of Certification Body
Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle

DVGW CERT GmbH is an accredited body by DAkkS according to EN 45011:1998 for certification of products for energy and water supply industry.

DVGW CERT GmbH ist von der DAkkS nach DIN EN 45011:1998 akkreditierte Stelle für die Zertifizierung von Produkten der Energie- und Wasserversorgung.



DVGW CERT GmbH
Josef-Wirmer-Straße 1-3
53123 Bonn

Telefon: +49 228 91 88-888
Telefax: +49 228 91 88-993
eMail: info@dvgw-cert.com

Certificate

SKZ - TeConA GmbH awards the following company

Germany Hitze Industry CO.,LTD

Hitze

Room 803 8/F

Easey Commercial Building 253-261

Hennessy Road Wanchai Hongkong

Production plant: Germany Hitze Industry CO.,LTD

the right to use the SKZ - testing and inspection mark



A 636

for the following plastic products

Pressure pipe system, group 1
Fittings made of polypropylene PP-R

Trade name: Hitze

SKZ specification for tests and inspection **HR 3.10**

Users of the SKZ - mark are obliged to observe the required regulations for the production and testing of these products.

Date of initial certification: ---

Date of expiry: 12 February 2026



i. V.

Würzburg, 13 February 2021

Certification body

Certificate

SKZ-TeConA GmbH awards the following company

Germany Hitze Industry CO.,LTD

Hitze

Room 803 8/F

Easey Commercial Building 253-261

Hennessy Road Wanchai Hongkong

Production plant: Germany Hitze Industry CO.,LTD

the right to use the **SKZ** testing and inspection mark



A 507

for the following plastic products

Heating pipes made of crosslinked polyethylene PE-Xb

SKZ specification for tests and inspection **HR 3.2**

Users of the **SKZ** mark are obliged to observe the required regulations for the production and testing of these products.

Date of initial certification: 7 April 2017

Date of expiry: 15 June 2027



Würzburg, 16 June 2022

i.V. 
Certification body

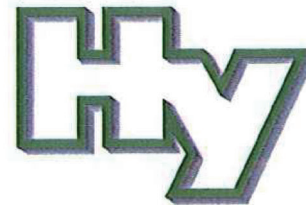
The original language of this certificate is German. In case of doubt, the German version is obligatory.

Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie

Direktor: Prof. Dr. rer. nat. L. Dunemann

Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V.



Hygiene-Institut · Postfach 10 12 55 · 45812 Gelsenkirchen

Germany Hitze Industry CO.,LTD
Room 803 8/F Easey Commercial Building
253-261 Hennessy Road Wanchai Hongkong

Visitors/ postal address:
Rotthäuser Str. 21, 45879 Gelsenkirchen,
Germany

Switchboard (0049209) 9242-0
Phone (0049209) 9242-230
Fax (0049209) 9242-222
E-Mail c.schell@hyg.de
Internet www.hyg.de

Reference: W-261582e-15-SI/le
Before: W-189189ke-10-SI
Contact person: Mrs. Dr. Ch. Schell

Gelsenkirchen, 17.09.2022

TEST CERTIFICATE

(Prolongation of test certificate W-189189ke-10-SI)

Enhancement of Microbial Growth on Materials to Come into Contact with Drinking water
Test pursuant to DVGW Technical Standard W 270, November 2014

Client: Germany Hitze Industry CO.,LTD
Room 803 8/F Easey Commercial Building
253-261 Hennessy Road Wanchai Hongkong

Test material: TOPILENE R200P

Test method: Material test

According to test report **W-189189ke-10-SI** of **19.04.2017**, the material **TOPILENE R200P** is conform to the requirements for the use in the area of drinking water systems pursuant to DVGW Technical Standard W 270. Details regarding testing procedure and test results are itemized in the test report.

This test certificate is valid from the date of issue and, given that the conditions and requirements remain unaltered, expires on **19.04.2027**.

The Director of the Institute
p.p.


Dr. Ch. Schell
Head of Laboratory
Department of Water Hygiene and Environmental Microbiology

The test results and assessments refer exclusively to the examined test specimens and all applicable statutory regulations. The validity of the document expires in case of modifications in the composition of the material or the processing conditions. This present document may only be published and reproduced unabridged and unaltered. This document is no DVGW certification.



Deutsche
Akkreditierungsstelle
D-PL-13042-02-00

Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V., Vereinsregister: VR 519 Amtsgericht Gelsenkirchen, USt-ID: DE125018356
Vorstand: Prof. Dr. Werner Schlake (Vors.), Prof. Dr. Jürgen Kretschmann, Dr. Emanuel Grün, Volker Vohmann, Prof. Dr. Lothar Dunemann (geschäftsführ. Vorstand)

Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie
Direktor: Prof. Dr. rer. nat. L. Dunemann



HYGIENE-INSTITUT · Postfach 10 12 55 · 45812 Gelsenkirchen / GERMANY

Germany Hitze Industry CO.,LTD
Room 803 8/F Easey Commercial Building
253-261 Hennessy Road Wanchai Hongkong

Visitor-/Parcel Address:
Rotthäuser Str. 21
45879 Gelsenkirchen

Telephone +49 (0) 209 9242-0
Extension +49 (0) 209 9242-351
Telefax +49 (0) 209 9242-212
E-Mail a.bernoussi@hyg.de
Internet www.hyg.de

Reference-No.: K-203583-11-Bs/st
Contact person: Anasse Bernoussi (Eng.)

Gelsenkirchen, 22.07.2017

TEST CERTIFICATE according to the KTW-Guideline

Product: pipes made of PP-R (20 x 3,4 mm)

Test specimen: pipe samples Ø 20 x 3,4 mm (supplier: HYSOUNG, Korla-R200P)

The test specimen meets the requirements according to the test report dated 22.07.2017 Ref.-No.: K-203583-11-Bs/st for the following applications and temperatures:

Applications:	cold water (23°C)	warm water (60°C)	hot water (85°C)
Pipes with DN < 80 mm (domestic distribution)	passed	passed	---
Pipes of diameter 80 mm ≤ DN < 300 mm (supply pipes)	passed	passed	---
Pipes of diameter DN ≥ 300 mm (main pipes)	passed	passed	---
Fittings for pipes with DN < 80 mm	passed	passed	---
Fittings for pipes with 80 mm ≤ DN < 300 mm	passed	passed	---
Fittings for pipes with DN ≥ 300 mm	passed	passed	---
Sealings for pipes with DN < 80 mm	passed	passed	---
Sealings for pipes with 80 mm ≤ DN < 300 mm	passed	passed	---
Sealings for pipes with DN ≥ 300 mm	passed	passed	---
Tanks in the domestic installations including repair systems	passed	passed	---
Tanks other than in domestic installations including repair systems	passed	passed	---

as far as technically suited.

If pipes, sealings or fittings and ancillaries do not differ in their material composition and process of manufacture, testing of the smallest diameter of the product range is sufficient.

This test certificate is valid beginning with the date of issue and is ending by 22.07.2023 as far as there are no changes in the formula. After this time it can be extended for further 5 years if demanded.

The Director of the Hygiene-Institute
on behalf of

Dr. rer. nat. Andreas Koch
Head of the Dept. for water
hygienic material testing



The assessment was based on the assumption that the used starting substances and monomers used to manufacture the product may completely known and no other substances are present in the product. The validity of this document expires in case of modifications in the composition of the product or the processing conditions. The results and evaluations refer to the groups of test items. This document may not be published without our written permission only complete and unchanged or duplicated.



Deutsche
Akkreditierungsstelle
D-PL-13042-02-00

Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie

Direktor: Prof. Dr.rer.nat. Lothar Dunemann

Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V.



HYGIENE-INSTITUT · Postfach 10 12 55 · 45812 Gelsenkirchen / GERMANY

Germany Hitze Industry CO.,LTD
Room 803 8/F Easey Commercial Building
253-261 Hennessy Road Wanchai Hongkong

Visitor's/Parcel Address:
Rotthäuser Str. 21
45879 Gelsenkirchen

Telephone +49 (0) 209 9242-0
Extension +49 (0) 209 9242-351
Telefax +49 (0) 209 9242-212
E-Mail a.bernoussi@hyg.de
Internet www.hyg.de

Reference-No.: K-261595-15-Bs/st
Contact person: Anasse Bernoussi (Eng.)

Gelsenkirchen, 17.09.2022

TEST CERTIFICATE according to the KTW-Guideline

Product: Drinking water installation, group 1 Pipe made of polypropylene PP-R
SKZ-No. 4314, certification-No. DW-8317BS0309

Specimen: pipe samples Ø 25 x 4,2 mm green

Kind of test: [X] Supervision test 2022 (initial test according to the KTW-Guideline: 22.07.2017)

The test specimen meets the requirements according to the test report no.: K-261595-15-Bs/st dated 17.09.2022 for the following applications and temperatures, as far as technically suited.

Applications:	cold water (23°C)	warm water (60°C)	hot water (85°C)
Pipes with DN < 80 mm (domestic distribution)	passed	passed	---
Pipes of diameter 80 mm ≤ DN < 300 mm (supply pipes)	passed	passed	---
Pipes of diameter DN ≥ 300 mm (main pipes)	passed	passed	---
Fittings for pipes with DN < 80 mm	passed	passed	---
Fittings for pipes with 80 mm ≤ DN < 300 mm	passed	passed	---
Fittings for pipes with DN ≥ 300 mm	passed	passed	---
Sealings for pipes with DN < 80 mm	passed	passed	---
Sealings for pipes with 80 mm ≤ DN < 300 mm	passed	passed	---
Sealings for pipes with DN ≥ 300 mm	passed	passed	---
Tanks in the domestic installations including repair systems	passed	passed	---
Tanks other than in domestic installations including repair systems	passed	passed	---

If pipes, sealings or fittings and ancillaries do not differ in their material composition and process of manufacture, testing of the smallest diameter of the product range is sufficient.

This test certificate is valid beginning with the date of issue and is ending by 22.07.2027 as far as there are no changes in the formula.

The Director of the Hygiene-Institute
on behalf of

Dr. rer. nat. Andreas Koch
Head of the Dept. for water
hygienic material testing



The assessment was based on the assumption that the used starting substances and monomers used to manufacture the product may completely known and no other substances are present in the product. The validity of this document expires in case of modifications in the composition of the product or the processing conditions. The results and evaluations refer to the groups of test items. This document may not be published without our written permission only complete and unchanged or duplicated.





Unit 30 | Fern Close | Pen-Y-Fan Ind Est | Oakdale | Gwent | NP11 3EH | UK
Tel: +44 (0) 1495 236260 wales@nsf.org | www.nsf.org

TEST REPORT

Customer: C0552501

Germany Hitze Industry CO.,LTD
Room 803 8/F Easey Commercial Building 253-261
Hennessy Road Wanchai Hongkong

Result	Limited testing was undertaken on this product in accordance with the WRAS Material Guidance document, Table 1 I (change of method of manufacturer). Related test report J-00364892. This product has satisfied the criteria set out in BS 6920: Part 1: 2014 "Specification" and thus is suitable for use with hot (up to 65°C) and cold water.
Customer Name	Germany Hitze Industry CO.,LTD
Product	Hitze
Test Undertaken	BS 6920: 2014 - Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water
Job Number	J-00364893
PAMS Number	200918

Thank you for having your product tested by NSF Wales Ltd.

Please contact your Account Manager if you have any questions or concerns pertaining to this report.

Report Date 24-AUG-2020

Report Authorisation 
Matthew Rees - Materials Laboratory Supervisor



0626



Unit 30 | Fern Close | Pen-Y-Fan Ind Est | Oakdale | Gwent | NP11 3EH | UK
Tel: +44 (0) 1495 236260 wales@nsf.org | www.nsf.org

TEST REPORT

Customer: C0552501

Germany Hitze Industry CO.,LTD
Room 803 8/F Easey Commercial Building 253-261
Hennessy Road Wanchai Hongkong

Result	This product has satisfied the criteria set out in BS 6920: Part 1: 2014 "Specification" and thus is suitable for use with hot (up to 65°C) and cold water.
Customer Name	Germany Hitze Industry CO.,LTD
Product	Hitze
Test Undertaken	BS 6920: 2014 - Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water
Job Number	J-00364892
PAMS Number	200917

Thank you for having your product tested by NSF Wales Ltd.

Please contact your Account Manager if you have any questions or concerns pertaining to this report.

Report Date 30-SEP-2020

Report Authorisation

Michael Bustin - Materials Testing Manager



0626

Certificat

**Canalisations de distribution ou d'évacuation des eaux
Chauffage et distribution sanitaire****Hitze**

Le CSTB atteste que le produit ci-dessus est conforme à des caractéristiques décrites dans le référentiel de certification QB 08 - Canalisations de distribution ou d'évacuation des eaux en vigueur, après évaluation selon les modalités de contrôle définies dans ce référentiel.

En vertu de la présente décision, le CSTB accorde à :

La société Germany Hitze Industry CO.,LTD
Room 803 8/F Easey Commercial Building
Usine 253-261 Hennessy Road Wanchai Hongkong

le droit d'usage de la marque QB 08 Canalisations de distribution ou d'évacuation des eaux pour le produit objet de cette décision, pour toute sa durée de validité et dans les conditions prévues par les exigences générales de la marque QB et le référentiel mentionné ci-dessus.

**-237-2158_V1**

Décision de reconduction n° 4643-237-2158_V1 du 15 mars 2027. Cette décision se substitue à la décision de reconduction n° 3953-237-2158 du 20 juillet 2016

Sauf retrait, suspension, ou modification, ce certificat est valable jusqu'au 31/03/2028. Le certificat en vigueur peut être consulté sur le site internet <http://evaluation.cstb.fr> pour en vérifier sa validité.

CARACTÉRISTIQUES CERTIFIÉES

EAU POTABLE

CHAUFFAGE BASSE
TEMPÉRATURE

EAU GLACÉE

RÉSISTANCE À
L'OXYDATION

DURABILITÉ

Ce certificat comporte 1 page.**Correspondant :**

Philippe PEREIRA

Courriel : philippe.pereira@cstb.fr

Tél. : 01 64 68 89 61

Conformité à l'Avis Technique n°14.1/16-2158_V1

NATURE DU SYSTEME : PPR

- Tube PP-R

- Caractéristiques dimensionnelles
- Indice de fluidité
- Caractéristiques en traction
- Résistance à l'oxydation
- Retrait à chaud
- Résistance à la pression

- Raccord PP-R

- Caractéristiques dimensionnelles
- Indice de fluidité
- Résistance à la pression

Pour le CSTB
Pour le Président

Edwige PARISEL

Approval Number: 2008533
Test Report: J-00364892



15th October 2020

Germany Hitze Industry CO.,LTD
Room 803 8/F Easey Commercial Building 253-261
Hennessy Road Wanchai Hongkong

Water Regulations Advisory Scheme Ltd.
Unit 13,
Willow Road,
Pen y Fan Industrial Estate,
Crumlin,
Gwent,
NP11 4EG

WATER REGULATIONS ADVISORY SCHEME LTD. (WRAS)
MATERIAL APPROVAL

The material referred to in this letter is suitable for contact with wholesome water for domestic purposes having met the requirements of BS6920-1:2000 and/or 2014 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water'.

The reference relates solely to its effect on the quality of the water with which it may come into contact and does not signify the approval of its mechanical or physical properties for any use.

POLYPROPYLENE - COMPONENTS.

5260

'Hitze PPR Pipe'. Green coloured, extruded PPR pipe. For use with water up to 65°C.

APPROVAL NUMBER: 2008533

APPROVAL HOLDER: Germany Hitze Industry CO.,LTD

The Scheme reserves the right to review approval.

Approval 2008533 is valid between August 2020 and August 2025

An entry, as above, will accordingly be included in the Water Fittings Directory on-line under the section headed, "Materials which have passed full tests of effect on water quality".

The Directory may be found at: www.wras.co.uk/directory

Yours faithfully

A handwritten signature in black ink, appearing to read 'J Furnival', written in a cursive style.

Jason Furnival
Approvals & Enquiries Manager
Water Regulations Advisory Scheme

Approval Number: 2008534
Test Report: J-00364892 & J-00364893



15th October 2020

Germany Hitze Industry CO.,LTD
Room 803 8/F Easey Commercial Building
253-261 Hennessy Road Wanchai Hongkong

Water Regulations Advisory Scheme Ltd.
Unit 13,
Willow Road,
Pen y Fan Industrial Estate,
Crumlin,
Gwent,
NP11 4EG

WATER REGULATIONS ADVISORY SCHEME LTD. (WRAS)
MATERIAL APPROVAL

The material referred to in this letter is suitable for contact with wholesome water for domestic purposes having met the requirements of BS6920-1:2000 and/or 2014 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water'.

The reference relates solely to its effect on the quality of the water with which it may come into contact and does not signify the approval of its mechanical or physical properties for any use.

POLYPROPYLENE - COMPONENTS.

5260

'Hitze PPR Fittings'. Green coloured, injection moulded PPR fittings. For use with water up to 65°C.

APPROVAL NUMBER: 2008534

APPROVAL HOLDER: Germany Hitze Industry CO.,LTD

The Scheme reserves the right to review approval.

Approval 2008534 is valid between August 2020 and August 2025

An entry, as above, will accordingly be included in the Water Fittings Directory on-line under the section headed, "Materials which have passed full tests of effect on water quality".

The Directory may be found at: www.wras.co.uk/directory

Yours faithfully

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Jason Furnival
Approvals & Enquiries Manager
Water Regulations Advisory Scheme