



Environmental Products & Services Ltd GreaseShield Grease Interceptor

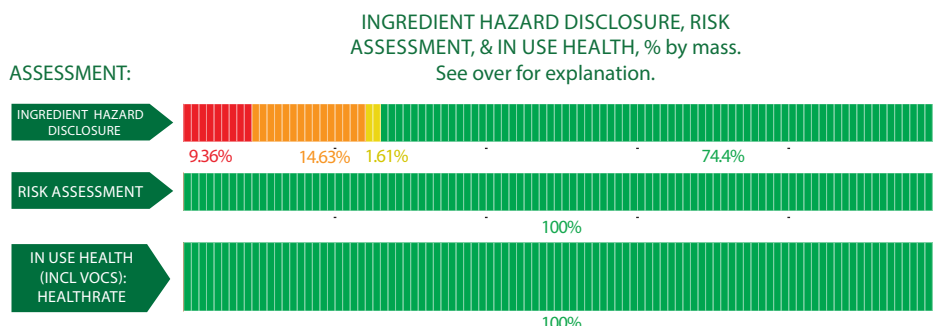
GreaseShield Interceptors helps in preventing drain blockage by separating and recovering fats, oils and grease using patented technology.

Products/Ranges:	See in comments
Product Stages Assessed:	Manufacturing + In-Use
Product Type:	Grease Interceptors
CSI Masterformat:	22 40 13
Licenced Site/s:	Co. Down, Ireland
Licence Number:	EPS:GS01:2024:PH
Licence Date:	25 November 2024
Valid To:	25 November 2025
Standard:	GGT International v4.1
Screening Date:	20 November 2024
PHD URL:	www.globalgreentag.com/certificate/2875/



PHD Summary	Inventory Threshold:	Inventory Method:
Percentage Assessed: 100%	100ppm Product Level	Nested Materials

- GreenTag Banned List Compliant.
- Meets IWBI WELL v1.0 as Recognized for ~ Feature 26 (Part 1); Feature 97 (Part 1); as a Compliant Technical Document (Audited) for ~ Feature 25 (Part 1, 2, 3, 5) , and, meets IWBI WELL v2.0 as Recognized for ~ X07 (Parts 1, 3); X08 (Part 2); as a Compliant Technical Document (Audited) for ~ X07 (Part 2); X08 (Part 1).
- Meets USGBC LEED v4.0 and v4.1 Rating Tool Credit as Recognized for MR Credit: Building Product Disclosure and Optimisation - Material Ingredients - Option 1: Material Ingredient Reporting, Option 2: International ACP - REACH Optimisation.
- Independent third party assessment for worker, user, and environmental exposure to any Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors.



Declared by:
Global GreenTag
International Pty Ltd

David Baggs
CEO

Verified compliant with:
ISO 14024 & ISO 17065

1.0 Scope

The Global GreenTag International (GGT) Product Health Declaration (PHD) has been designed to provide an additional level of service to the green product sector in facilitating an easier understanding of both the hazard and risks associated with any certified products, and is intended to indicate:

- Chemical hazards of both finished product and unique ingredients to a minimum level of 100ppm for final product throughout the product life cycle (including any VOC or other gaseous emissions);
- An assessment of exposure or risk associated with ingredient handling, product use, and disposal in relation to established mitigation and management processes;

It is not intended to assess:

- substances used or created during the manufacturing process unless they remain in the final product; or
- substances created after the product is delivered for end use (e.g., if the product unusually degrades, combusts or otherwise changes chemical composition).

GGT PHDs are only issued to products that have passed GGT Standards' certification requirements. The Level of Assessment (BronzeHEALTH, SilverHEALTH, GoldHEALTH or PlatinumHEALTH) of a PHD rating relates ONLY to a Human Health Toxicity Assessment and is declared separately and not equivalent to the overall Bronze, Silver Gold or Platinum Green Tag Certification Mark Tier Levels of LCARate.

1.2 Preparing a PHD

GGT PHDs are prepared in the format of a transparency document which utilizes Hazard Classifications from the UN Globally Harmonised System of Classification and Labelling of Chemicals (GHS). Hazard Classifications are then risk assessed with a focus on the In Use stage for an outcome of Certification. Assessments are undertaken by GGT Qualified Exemplar Global Lead Auditors and subsequently accepted for Certification by the GGT Program Director (also a Qualified Exemplar Global Lead Auditor) under the International Standard v4.0/4.1, Personal Products Standard v1.0/1.1, or Cleaning Products Standard v1.1/1.2 and above Program Rules.

1.3 External Peer Review

Every GGT PHD is independently peer-reviewed by an external Consultant Toxicologist and Member of the Australasian College of Toxicology & Risk Assessment.

2.0 Declaration of Ingredients

Where a manufacturer wishes recognition under a rating program that requires transparency of ingredients, such as LEED[®] v4.0 & v4.1, WELL[®] v1.0 & v2.0, Green Star[®], the following information is declared from the audit:






















Colour	Ingredient Hazard Disclosure
Green	Level 4 The hazard level of this ingredient indicates that the ingredient has no toxic hazard statements with no identified health effects.
Yellow	Level 3 The hazard level of this ingredient indicates that the ingredient is mildly toxic and/or has short/medium term reversible health effects.
Orange	Level 2 The hazard level of this ingredient indicates that the ingredient is moderately toxic and/or with a moderate health effects.
Red	Level 1 The hazard level of this ingredient indicates that the ingredient is highly toxic with a potential for severe health effects.
Black	Level 0 The hazard level of this ingredient indicates that the ingredient is highly toxic with a potential for severe health effects and is banned from being detectable above trace amounts in the final product.
Grey	Grey Chemical Not able to be categorised due to lack of toxicity impact information.
Colour	Risk Assessment & In Use Health Assessment Outcome
Green	No Concerns The risk assessment outcomes for the hazard level and percentage of ingredient used in the product after risk assessment is considered highly unlikely and therefore without concerns.
Yellow	Human Health Comment The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low with an unlikely potential risk.
Orange	Issue of Concern or Issue of Concern Minimised The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low to high with a higher than unlikely potential for risk.
Red	Red Light Comment or Red Light Comment Minimised The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low to extremely high with a moderate potential for risk.
Dark Red	Red Light Exclusion The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered medium to extremely high with a likely potential for risk.
Grey	Grey Chemical Not able to be categorised due to lack of toxicity impact information.
Black	Banned Ingredients Level 0 Hazard Level categorised chemicals such as Substances of Very High Concern in the International Standard v4.0/v4.1 and/or Petroleum, Parabens plus a wide range of additional compounds stipulated by the Personal Products Standard v1.0/1.1 and Cleaning Products Standard v1.1/1.2

Global GreenTag International Pty Ltd (Global GreenTag) is not a medical professional organisation. Global GreenTag does not purport to provide medical advice, and makes no warranty, representation, or guarantee regarding the declaration that it provides in relation to any allergies, chemical sensitivities or any other medical condition, nor does Global GreenTag assume any liability whatsoever arising out of the application or use of any product or piece of equipment that has been chemically assessed by Global GreenTag.

The chemical assessments carried out provide transparent information peer reviewed by a consultant toxicologist regarding the chemical make-up and ingredients of certain materials and products, but such assessments are not to be taken as any form of medical assessment or health advice and are not targeted towards providing specific solutions to allergenic conditions or any other type of medical concerns.

Users must carry out their own investigations if they are concerned about specific medical conditions and the impact of certain products or ingredients in relation to specific medical concerns.

Global GreenTag takes no responsibility and is not liable in any way with respect to any medical or health issues arising from a person's use of materials or products that have been chemically assessed by Global GreenTag. Global GreenTag shall not be liable for any direct, indirect, punitive, incidental, special or consequential damages to property or life whatsoever, arising out of or connected with the use or misuse of any materials or products that have been assessed by Global GreenTag.

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	REACH Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Steel	Components	30-50%	None	OK				ROHS declaration of conformity provided. Stainless steel components in the product are drumshaft, enclosure lid, main enclosure, screw, pump bracket, motor moulding plate etc. There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Polypropylene	9010-79-1	1-5%	None	OK				The unreacted substance is toxic to aquatic organisms with long lasting effects. The manufacturing facility has Environmental management system in place which reduces the risks. The substance is harmless to the end user. Recycled Content: Unknown Nano Materials: Unknown
EPDM	25038-36-2	1-5%	H412	OK				ROHS declaration of conformity provided. Rubber components in the products are end cap, flow controller, trap, bumper feet, hose, drain cover, filter, seal tank top. The unreacted substance is toxic to aquatic organisms with long lasting effects. The manufacturing facility has Environmental management system in place which reduces the risks during the manufacturing stage. The substance embedded in the final product and in this stage it is harmless to the end user. Recycled Content: Unknown Nano Materials: Unknown
PVC	9002-86-2	1-5%	IARC 3, H319, H335, H315, H362, H412, H400, H410	OK				The substance is suspected to be carcinogenic. It may also causes serious eye, skin or respiratory irritation. The manufacturing facility has OHS and EMS procedures in place which reduces the risks during manufacturing stage. The substance is embedded in the final product, the risks to end users are unlikely. Recycled Content: Unknown Nano Materials: Unknown
Nylon-66	32131-17-2	0.01-1%	H315	OK				The substance present in the form of fasteners & fixings. The components are tested as per ROHS directive. The unreacted substance may cause skin irritation. The manufacturing facility has OHS policies in place which reduces the risks. The substance is embedded in the final product, no risks to end users. Recycled Content: Unknown Nano Materials: Unknown
Polymer	9002-88-4	0.01-1%	IARC 3, H412, H335, H373, H315, H334, H319, H317	OK				The substance is suspected to be carcinogenic. It may also causes serious eye, skin or respiratory irritation. The manufacturing facility has OHS and EMS procedures in place which reduces the risks during manufacturing stage. The substance is embedded in the final product, therefore the risks to end users are unlikely. Recycled Content: Unknown Nano Materials: Unknown
Barium Ferrite Magnets	Fastners	0.01-1%	H252, H251, H319, H315, H335	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown

Polypropylene	9003-07-0	15-30%	IARC 3, H228	OK				The substance is a part of the product as injection moulding tank, transfer pipe, holder . The substance is suspected to be carcinogenic to humans, with the primary risks during the manufacturing stage. The manufacturing facility has OHS policies in place to mitigate the risks. The substance is embedded in the final product. In this stage, the risks to end users are unlikely. Recycled Content: Unknown Nano material: Unknown
Aluminium	7440-31-5	1-5%	H228, H261	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Quartz Glass	60676-86-0	0.01-1%	None, H319, H373, H335, H315, H350, H370, H372	OK				The unreacted substance is suspected to be carcinogenic to humans. It may also cause eye, skin or respiratory irritations. The manufacturing facility has Occupational Health & safety procedures in place to reduce the risks. The substance is embedded in the final product. The risks to end users are unlikely. Recycled Content: Unknown Nano Materials: Unknown
Tin	7440-31-5	1-5%	None	OK				There are no identifiable risks associated with this substance. Recycled Content: Unknown Nano Materials: Unknown
Copper	7440-50-8	1-5%	H411	OK				The substance is toxic to aquatic organisms. The risks during manufacturing stage are mitigated with Environment Management System procedures of manufacturing facility. The substance is embedded in the final product. No identifiable risks to end users in this stage. Recycled Content: Unknown Nano Materials: Unknown

GHS H-Statement classification:

- H228: Flammable Solid 1
- H251: Self heating substance 1
- H252: Self heating substance 2
- H261: Water reaction 2
- H315: Skin Irritation 2
- H317: Skin Sensitising 1
- H319: Eye Irritation 2
- H334: May cause an allergic respiratory reaction
- H335: Specific target organ Single Exposure 3, Lungs/ Respiratory
- H350: Carcinogenicity 1B
- H351: Carcinogenicity 2
- H362: May cause harm to breast-fed children.
- H370: Specific target organ toxicity, Single category 1
- H372: Specific target organ toxicity, repeated category 1
- H373: Specific target organ toxicity, Auditory system
- H400: Aquatic ACute 1
- H410: Aquatic Chronic 1
- H412: Aquatic Chronic 3

IARC Group:

IARC 3: Not classifiable as to its carcinogenicity to human

Comments:

ROHS Declaration of Conformity verified components of Product:

1. Stainless steel components like drumshaft, main enclosure, screw, pump bracket, motor moulding plate
2. Pump
3. Rubber components like hose, drain cover, filter, seal tank top
4. Motor, PLC
5. Electrical & wiring components
6. Coorugated cardboard provided declaration of conformity with test reports compliant to ROHS Directive

Range of GreaseShield Products includes:

Grease interceptor variants as GreaseShield 1000 with Front Loading Filter, GreaseShield 1000 AST, GreaseShield 1000 Low Level with Front Loading, GreaseShield 1850 AST WOK, GreaseShield 1850 Low Level with Front Loading Filter, GreaseShield-CRM-4, GreaseShield-CRM-8, GreaseShield-CRM-8-F, GreaseShield 1850 Dual with PreFilter, GreaseShield 1850 Dual with PreFilter, GreaseShield 1850-ECO, GreaseShield 1850-ECO-S, GreaseShield 1850 AST with PreFilter, GreaseShield 1850AST-CRM-4- F, GreaseShield 2000 with PreFilter, GreaseShield*3000-F, GreaseShield*3000-DW and GreaseShield*4000-F.

COVERING LETTER

Environmental Products & Services Ltd
5 Shepherd's Way,
Carnbane Industrial Estate,
Newry BT35 6EE
Northern Ireland, UK

Att.: Patrick O'Neill

Type Approval of GreaseShield® GS 1850 STD/PF/F/AST/ECO

You have, on 09/07/2020 applied for renewal of Type Approval for the products as described in the above heading.

Kiwa Sverige AB, with accreditation number 1913, has carried out review of submitted documents and decided to issue the attached Type approval 1238 based on Chapter 8. 4§ Planning and Building Act – 3. Protection regarding hygiene, health and environment. The issued Type approval has a validity of 5 years from 2020-08-14 until 2025-08-13.

Any comments or complaints regarding the approved products, as well as information on corrective actions, shall be kept in an easily accessible manner in connection with an annual external inspection. The holder is responsible for ensuring that factory production control is carried out, reported and filed.

The Type approval is linked to the specified holder and applies to the product and to the extent that has been described in the certificate. Any alteration of product characteristics or belonging documents shall immediately be reported to Kiwa Certification Sweden so that the type approval shall not lose its validity. Invalid type approval can be withdrawn by Kiwa Sverige.

The validity of the type approval implies, that factory production control is maintained in accordance with BFS 2013:6, 5§ (TYP 7) and reported annually to e-mail se.bygg@kiwa.com no later than the 15th of December. In connection with the annual report, a cost of 2500 SEK excl. VAT / per type approval will be added. Any price adjustments must be notified in writing at least one (1) month in advance. Please disregard this if Kiwa Sverige is the designated inspection body in charge for annual monitoring check of your manufacturing.

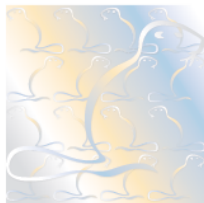
Information:

When EU harmonized technical specification for CE marking is published for this product, and considering the transition period has expired, this type approval will end its validity as a legal Swedish document. The technical assessment of compliance with applicable Swedish Regulation is though not affected. At the time of the issue of this certificate no such European harmonized technical product specification had been issued. A harmonized product standard is a technical specification.

The case has been handled by the Certification Engineer: Johnny Ostenfeldt

Kiwa Sverige ABA handwritten signature in blue ink, appearing to read 'Magnus Jerlmark'.

Magnus Jerlmark
Technical Officer



TYPGODKÄNNANDE 1238

MED BESLUT OM TILLVERKNINGSKONTROLL

Innehavare: Environmental Products & Services Ltd

5 Shepherd's Way, Carnbane Industrial Estate, Newry BT35 6EE Northern Ireland, UK

Tel: +44 (0) 28 30833081

Fax:

E-post: IMS@EPAS-Ltd.com

Hemsida: www.EPAS-Ltd.com

Produktnamn: GreaseShield® GS 1850 STD/PF/F/AST/ECO

Produktbeskrivning

Helautomatisk fettavskiljare modell GreaseShield® GS 1850 STD/PF/F/AST/ECO

Avsedd användning

Används till avskiljning av fett och andra i vatten olösliga ämnen från spillvatten.

För installation inom kök i till exempel restaurangtjänster GreaseShield® används för avlägsnandet av fetter och oljor från fettproducerande objekt som ugnar, "rotisseries", wokmatlagings stationer, "wash-up", skölj-diskbänkar och diskmaskiner.

Instruktion för regelbunden skötsel måste åtfölja varje leverans samt journal med kvitto för skötsel. Dokumenten måste finnas bredvid installationen.

Omfattning

Fettavskiljare modell GreaseShield® GS 1850 STD/PF/F/AST/ECO.

Godkännande

Produkterna uppfyller kraven i Plan- och Bygglagens (PBL) 8 kap 4 § avseende Byggnadsverks tekniska egenskaper i fråga om **3. Skydd med hänsyn till hygien, hälsa och miljön**, under förutsättning att det som anges i detta godkännande följs. Produkterna godkänns i enlighet med följande avsnitt i Boverkets byggregler (BBR):

Byggprodukter med bedömda egenskaper, 1:4	
Installationer för spillvatten *	6:641
Utformning	6:644

* GreaseShield® är flötestestad i enlighet med EN 1825-1: 2004.

Testad i enlighet med EN 1825-1: 2004 Annex A: Kolväten max 25 mg/liter.

Märkning

Märkning ska göras på produkten eller, om det finns särskilda skäl, på förpackningen eller följesedeln. Märkning ska innehålla följande information:

Innehavare:
Produktensnamn, och eventuellt artikelnummer:
Tillverkningsställe:

Environmental Products & Services Ltd
GreaseShield® GS 1850 STD/PF/F/AST/ECO
Environmental Products & Services Ltd
Newry BT35 6EE Northern Ireland, UK
(t. ex. åååå-mm-dd eller batchnummer)

Spårbarhet till tillverkningen:
Uppgift om krav eller klass, om detta finns:
Boverkets inregistrerade varumärke nr 241 217:
Certifieringsorgan:
Ackrediteringsnummer:
Typpgodkännande:
Kontrollorgan:



Kiwa Sverige AB
1913
1238
Kiwa Sverige AB



CERTIFIKAT

Kiwa Sverige AB
Campus Gräsvik 1
SE-371 75 Karlskrona

Tel +46 (0)455-30 56 00
Fax +46 (0)455-104 36
se.bygg@kiwa.com
www.kiwa.se



Accred. no. 1913
Certification of
Products
ISO/IEC 17065

Kontroll

Tillverkarens fortlöpande egenkontroll kombineras med övervakning utförd av ett ackrediterat kontrollorgan.

Kontrollorgan: **Kiwa Sverige AB**

Kontrollavtal: **051/2013 Kiwa Sverige och EPAS Ltd.**

Tillverkningskontroll ska utföras i enlighet med omfattningen i kontrollanvisningen, daterad 2020-18-14.

Vid kontroll på byggarbetsplatsen ska byggherren verifiera produktens identitet med hjälp av märkningen. Vidare ska byggherren tillse att rätt produkter levererats och att de installeras i enlighet med tillverkarens anvisningar i tillhörande handlingar. Det ska också kontrolleras att produkten åtföljts av en tillverkarförsäkran som intygar att tillverkning skett i enlighet med de handlingar som legat till grund för detta typgodkännande.

Typgodkännandets giltighet förutsätter även att tillverkningskontroll sker enligt kontrollanvisning och att innehavaren årligen uppfyller kravet i Boverkets föreskrift BFS 2013:6, 5 § (TYP 7), om fortlöpande egenkontroll. Innehavaren ska årligen, den 15:de december, rapportera till Kiwa Certifiering på e-postadress se.bygg@kiwa.com om utförd fortlöpande egenkontroll.

Tillhörande handlingar

Manual för installation och daglig drift (web: www.EPAS-Ltd.com)

Bedömningsunderlag

- EC "Declarations of conformity" CE 130722, för följande direktiv:
- EN 61000-6-2:2001 "Electromagnetic compatibility generic emission standard Part 2: Industrial Environment"
- EN 61000-6-4:2001 "Electromagnetic compatibility generic immunity standard Part 2: Industrial Environment"
- EN 60204-1:2006, "Safety of Machinery – Electrical Equipment of Machines"
- Ritning GS 1859 daterad 2016-10-06
- Komponentöversikt för GS enheter; 1850, 2000, 3000, 4000, 5000
- Bevittningsrapport ISO IEC 17020 KIWA Sverige AB daterad 2016-10-04/05
- Test rapport PB2016003318-1 corr 1 - ISO IEC 17025 KIWA Deutschland GmbH
- Kontrollavtal d.nr. 051/13 - Environmental Products & Services Ltd & KIWA Sverige AB
- Kontrollrapport ISO IEC CS 17020 KIWA Sverige AB daterad 2019-09-30

Kommentarer

Inför marketing och försäljning i Sweden, skall en nordisk språkversion för produkten finnas tillgänglig.

Typgodkännande är giltigt under förutsättning att produkten varken ska CE-märkas enligt Byggproduktförordningen, (EU) nr 305/2011 (CPR), eller har blivit suspenderat eller återkallat av Kiwa Certifiering.

Beslutsdatum: 2020-08-14

Diarienummer: 726/20

Giltigt till: 2025-08-13

Tidigare diarienummer: 888/17

Magnus Jerlmark

Johnny Ostenfeldt



Certificate of Compliance

Certificate: 2708669

Master Contract: 259905

Project: 2708669

Date Issued: April 15, 2014

Issued to: Environmental Products & Services

(EPAS) Ltd
5 Shepherds Dr
Carnbane Industrial Estate
Newry, Down BT35 6JQ
United Kingdom
Attention: Jim O'Neill

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Thomas Valente

Issued by: Thomas Valente

PRODUCTS

CLASS 7701 01 - Drains and interceptors - Grease interceptor

CLASS 7701 81 - Drains and interceptors - Grease interceptor - Certified to US Standards

Class 7701 01 Drains and Interceptors- Grease Interceptor

Class 7701 81 Drains and Interceptors- Grease interceptor- Certified to US Standards

Grease Interceptor and Grease Removal Devices:

GS1000, GS1000AST, GS1000LL, GS1850, GS1850AST, GSAST-WOK, GS1850ECO, GS1850ECO-S, GS1850AST-ESO, GS1850LL, GS1850AST-CRM-4, GS1850-CRM4-F, GS1850AST-CRM-8, GS1850-8-F, GSUSA-115, GSUSA-125, GSUSA-140, GSUSA160, GSUSA229, GSUSA330, GSUSA-440

Acronyms:

LL {Low Level} - This is a small holding tank with a pump incorporated into the GreaseShield to receive effluent from appliances and then transfer it into the main GreaseShield tank.



Certificate: 2708669

Master Contract: 259905

Project: 2708669

Date Issued: April 15, 2014

WOK - This is a GS1850 unit suitable to accept waste from Chinese Wok cooking stations.

CRM - GreaseShield with modified programme to treat the effluent from Combi ovens, Rotisseries ovens and Multisseries ovens,

GS USA - Larger size tanks for greater flows.

AST - This is integrated within the GreaseShield tank and is used for screening the incoming effluent of solids. Food Solids get retained inside a hopper where an inclined auger automatically dewater and removes the solids to an external solids cartridge. The hopper has filtration holes allowing the screened effluent to pass through. Please note there is the additional option of adding or retrofitting a PreFilter™ / FilterShield™ to AST™ models.

Pre-Filter - The PreFilter is a solids filtration unit that removes and dewater organic solid matter that is typically entrained in the effluent prior to the GreaseShield .

FilterShield - The FilterShield is a solids filtration unit that removes and dewater organic solid matter that is typically entrained in the effluent prior to the GreaseShield.

APPLICABLE REQUIREMENTS

ASME A112.4.3-2000 - Testing of Grease Interceptors

ASME A112.4.4-2001 - Grease Removal Devices

CSA B481.0-2012 - Testing of Grease Interceptors

CSA B481.1-2012 - Testing and Rating of Grease Interceptors using Lard

CSA B481.5-2012 - Testing and Rating of Grease Interceptors Equipped with a Grease Removal Device



Supplement to Certificate of Compliance

Certificate: 2708669

Master Contract: 259905

The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
2708669	Apr 15, 2014	WMTC for Certification to CSA B481.0, CSA B481.1, CSA B481.5, ASME A112.13.3-2000. ASME A112.14.4-2001 Various Models of Grease Interceptors.

EU/GB Declaration of Conformity



Declaration no.: EU/GB-ER210729

We the undersigned:

Name of manufacturer: Environmental Products & Services Ltd
Address: 6 Shepherds Way
Carnbane Industrial Estate
Newry
County Down
BT35 6EE
Country: Northern Ireland, United Kingdom

Declare under our sole responsibility that the following product:

Product description: Pro-active grease trap / interceptor for installation within Food Serving Establishment's Kitchens, Basements or located externally in weather proof housing. The GreaseShield is used for the separation and removal of Fats, Oils and Greases from the effluent of Grease producing appliances.

Model name and nos.: **Models as listed with controls either GS1850AST-MMP or GS1850-MMP**

GS1000	GS1850	GS2000	GS3000	GS4000
GS1000 -AST	GS1850 -CRM-4		GS3000DW	
	GS1850 -L			
	GS1850 -L -CRM-4			
	GS1850 -AST			
	GS1850 -CRM-4-F-AST			

Brand name: GreaseShield™

Is in conformity with the following relevant EU / GB legislation Regulations:

Low Voltage Directive 2014/35/EU (The Electrical Equipment Safety Regulations 2016, as amended by the Product Safety and Metrology etc. Amendment etc. EU Exit Regulations 2019)

EMC Directive 2014/30/EU (Product Safety and Metrology etc and Amendment etc. EU Exit Regulations 2019)

RoHS Directive 2011/65/EU (Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 S.I. 2012/3032).

Based on the following harmonized standards:

BS EN 60335-1:2012 + A2:2019 Household and similar electrical appliances - Safety

BS EN 61000-6-2:2019 EMC Generic standards. Immunity standard for industrial environments

BS EN 61000-6-4:2019 EMC Generic standards. Emission standard for industrial environments

And therefore complies with the essential requirements of those directives.

Additional information:

CE/UKCA Mark affixed: 29 July 2021
Technical file number: ER210729
Location of technical file: Company head office Newry
Limitations of use: As specified in user instructions

Name and position of person binding the manufacturer:

Signature:

Name: Jim O'Neill
Function: Managing Director
Location: Newry
Date of Issue: 29 July 2021

NSF International

789 N. Dixboro Road, Ann Arbor, MI 48105 USA

RECOGNIZES

Environmental Products and Services Ltd

Facility: Manchester, United Kingdom

AS COMPLYING WITH NSF MECHANICAL PLUMBING PRODUCTS PROGRAM AND ALL
APPLICABLE REQUIREMENTS.

PRODUCTS APPEARING IN THE NSF OFFICIAL LISTING ARE
AUTHORIZED TO BEAR THE NSF MARK.



ANSI Accredited Program
PRODUCT CERTIFICATION
#2216
Certification Program
Accredited by the
American National
Standards Institute



Standards Council of Canada
Certification Program
Accredited by the
Standards Council
of Canada

This certificate is the property of NSF International and must be returned upon request. This certificate remains valid as long as this client has products in Listing for the referenced standards. For the most current and complete Listing information, please access NSF's website (www.nsf.org).

A handwritten signature in black ink, appearing to read "David Purkiss".

May 1, 2017
Certificate# C0336182 - 01

David Purkiss
General Manager, Plumbing

NSF International

789 N. Dixboro Road, Ann Arbor, MI 48105 USA

RECOGNIZES

Environmental Products and Services Ltd

United Kingdom

AS COMPLYING WITH NSF MECHANICAL PLUMBING PRODUCTS PROGRAM AND ALL
APPLICABLE REQUIREMENTS.

PRODUCTS APPEARING IN THE NSF OFFICIAL LISTING ARE
AUTHORIZED TO BEAR THE NSF MARK.



ANSI Accredited Program
PRODUCT CERTIFICATION
#218
Certification Program
Accredited by the
American National
Standards Institute



Certification Program
Accredited by the
Standards Council
of Canada

This certificate is the property of NSF International and must be returned upon request. This certificate remains valid as long as this client has products in Listing for the referenced standards. For the most current and complete Listing information, please access NSF's website (www.nsf.org).

May 1, 2017
Certificate# C0335529 - 01

David Purkiss
General Manager, Plumbing

NSF International

789 N. Dixboro Road, Ann Arbor, MI 48105 USA

RECOGNIZES

Environmental Products and Services Ltd

Facility: Northern Ireland, United Kingdom

AS COMPLYING WITH NSF MECHANICAL PLUMBING PRODUCTS PROGRAM AND ALL
APPLICABLE REQUIREMENTS.

PRODUCTS APPEARING IN THE NSF OFFICIAL LISTING ARE
AUTHORIZED TO BEAR THE NSF MARK.



ANSI Accredited Program
PRODUCT CERTIFICATION
#0016
Certification Program
Accredited by the
American National
Standards Institute



Certification Program
Accredited by the
Standards Council
of Canada

This certificate is the property of NSF International and must be returned upon request. This certificate remains valid as long as this client has products in Listing for the referenced standards. For the most current and complete Listing information, please access NSF's website (www.nsf.org).

May 1, 2017
Certificate# C0335530 - 01

David Purkiss
General Manager, Plumbing

SINTEF Produktsertifikat

Nr. 3314

Utstedt: 23.12.2016

Fornyet: 19.11.2021

Gyldig til: 01.12.2026

forutsatt publisert på

www.sintefcertification.no

SINTEF bekrefter at

GreaseShield fettutskillere

er i samsvar med kravene i

› **EN 1825-1, pkt. 5.5.3 – rensekapasitet**

Innehaver

Environmental Product & Services Ltd.
6 Shepherd's Way, Carnbane Industrial Estate
Newry BT35 6EE, County Down
Northern Ireland (UK)

Produsent

Environmental Product & Services Ltd.
6 Shepherd's Way, Carnbane Industrial Estate
Newry BT35 6EE, County Down
Northern Ireland (UK)

Produkt- og produksjonskontroll

Produktet er underlagt overvåking i samsvar med kravene i NS-EN ISO/IEC 17065.

Produktbeskrivelse

GreaseShield fettutskillere, type GS 1850
STD/PF/F/AST/ECO

Funksjonskrav i Forurensingsforskriften

Påslipp til offentlig avløpsnett

Den enkelte kommune kan med grunnlag i Forurensingsforskriften, del 4: Avløp, kap. 15 A Påslipp, gi utslippstillatelse som enkeltvedtak eller utøve forvaltning etter vedtatt lokal forskrift. Hjemmelen for slike vedtak er forurensingsforskriftens § 5A-4 om påslipp til offentlig avløpsnett.

Krav til rensing

Kommunene har ulik praksis når det gjelder krav til rensing. Ansvarlig søker må sjekke lokale rensekrav for det aktuelle prosjektet. Normalt vil fettutskilling være nødvendig der konsentrasjonen av fett overskrider 150 g/m³ (150 mg/l).

Andre sertifiseringskrav

Merking

Produktet kan merkes med SINTEFs sertifikatmerke slik som avbildet ovenfor. Merket kan også benyttes på emballasje og markedsføringsmaterieell som angår de sertifiserte produkter.



Anne-Jorunn Enstad
Sertifiseringsleder



Confirmation Letter



UL CUSTOMER	ENVIRONMENTAL PRODUCTS & SERVICES LTD 15 Shepherd's Way Newry, BT35 6EE Ireland
UL CUSTOMER FILE #	E361705
CATEGORY	Waste Disposers ZDHR

June 8, 2021

As of the above date, UL LLC confirms that ENVIRONMENTAL PRODUCTS & SERVICES LTD is the party associated with UL File # E361705 that appears in the UL Product iQ platform. Public information contained in UL File # E361705 can be viewed using the following link:

<https://iq.ulprospector.com/en/profile?e=1189116>

The appearance of a company's name or a specific product/component designation in the UL Product iQ platform does not in itself mean that product or component so specified or identified is subject to UL's Surveillance Program.

The manufacturer's products are not covered under UL's Surveillance Program unless they bear the authorized UL Mark. Therefore, only those products bearing the appropriate authorized UL Mark or UL Recognized Component Mark, the authorized company name, tradename, trademark and product designation shall be considered as being covered by UL's Listing, Classification, or Recognition Service.

If you have questions regarding this letter, please contact the UL Customer Experience Center at cec@ul.com.

Sincerely,

Leadership & Governance Team
UL Product iQ

Confirmation Letter



UL CUSTOMER	ENVIRONMENTAL PRODUCTS & SERVICES LTD 15 Shepherd's Way Newry, BT35 6EE Ireland
UL CUSTOMER FILE #	E361705
CATEGORY	Waste Disposers Certified for Canada ZDHR7

June 8, 2021

As of the above date, UL LLC confirms that ENVIRONMENTAL PRODUCTS & SERVICES LTD is the party associated with UL File # E361705 that appears in the UL Product iQ platform. Public information contained in UL File # E361705 can be viewed using the following link:

<https://iq.ulprospector.com/en/profile?e=1189126>

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If you have questions regarding this letter, please contact the UL Customer Experience Center at cec@ul.com.

Sincerely,

Leadership & Governance Team
UL Product iQ

IAPMO RESEARCH AND TESTING, INC.

5001 E. Philadelphia Street, Ontario, CA 91761 • Phone (909) 472-4100 • Fax (909) 472-4244 • www.iapmort.org



CERTIFICATE OF LISTING



IAPMO Research and Testing, Inc. is a product certification body in which its product certification system includes inspection and testing of samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and/or warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

Issued To:

ENVIRONMENTAL PRODUCTS AND SERVICES LTD

6 SHEPHERD'S WAY, CARNBANE INDUSTRIAL ESTATE, NEWRY, COUNTY DOWN, BT35 6EE, NORTHERN IRELAND, UNITED KINGDOM

Product:

Automatic Grease Removal Devices

Products are in compliance with the following code(s):

Uniform Plumbing Code (UPC®)
National Plumbing Code of Canada
International Plumbing Code (IPC®)

Products are certified to the following standard(s)

ASME A112.14.4-2022/CSA B481.5:22

File Number: 11031

Revised Date: October 7, 2024

Effective Date: September 2024

Void After: September 2029*


Chairman, Product Certification Committee



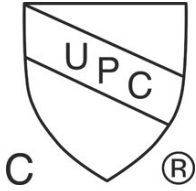

Chief Technical Service Officer

*This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at pld.iapmort.org

This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing. This document shall be reproduced in its entirety.

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING



Issued To: ENVIRONMENTAL PRODUCTS AND SERVICES LTD

Effective Date: September 2024

File Number: 11031

Revised Date: October 7, 2024

Product: Automatic Grease Removal Devices

Void After: September 2029

This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at pld.iapmo.org

Identification:

Product shall be permanently marked with the manufacturer's name or trademark, model number or designation, rated flow, efficiency, identification of "inlet" and "outlet", the designations "ASME A112.14.3", "ASME A112.14.4" and "B481.1", containment capacity, nominal inlet size, and the cUPC® certification mark.

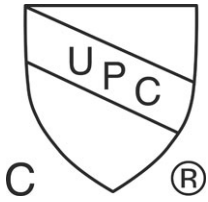
Characteristics:

Automatic grease removal devices to be installed in accordance with the manufacturer's instructions and the latest edition of the Uniform Plumbing Code and National Plumbing Code of Canada.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING



Issued To: ENVIRONMENTAL PRODUCTS AND SERVICES LTD

File Number: 11031

Product: Automatic Grease Removal Devices

Effective Date: September 2024

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This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at pld.iapmo.org

Models

Model Number	Alternate Model Number
GS1000 *	GS15 *
GS1000 -AST *	GS15 -AST *
GS1850 *	GS25 *
GS1850 -CRM-4 *	GS25 -CRM-4 *
GS1850 -L *	GS25 -L *
GS1850 -L -CRM-4 *	GS25 -L -CRM-4 *
GS1850 -AST *	GS25 -AST *
GS1850 -CRM-4-F -AST *	GS25 -CRM-4-F -AST *
GS2000 *	GS35 *
GS3000 *	GS45 *
GS3000DW *	GS45DW *
GS4000 *	GS60 *

Suffixes Note: “**”

Models above may contain a combination of suffixes before or after the base model number that indicates the addition of food and solids filtration prior to the inlet of the base model.

FLF Front loading filter - Food & Solids Filtration Accessory

PF PreFilter - Food & Solids Filtration Accessory

F FilterShield - Food & Solids Filtration Accessory