

Non-Domestic Type Approval Certificate

Certificate No: **STAS/22/099/ND42-098/04 Type D**
Date: **07 February 2023**

A	Certificate Holder:
	<p>Sainsbury's Supermarkets Ltd Unit 1, Draken Way, Ansty Park, Coventry, CV7 9RD E-mail: chris.mccormack@sainsburys.co.uk Tel: 07919057883</p>

B	Building Type Titles:	
	<table border="1"> <tr> <td style="width: 30%;">Description: 2022 Technical Handbook</td> <td>TYPE D - DRS housing for 'reverse vending machine' recycling machinery. <i>Erection of a detached single-storey ancillary non-domestic building within the curtilage of a shop, to accommodate the housing and use of machinery used in the 'Deposit Return Scheme' (DRS).</i></td> </tr> </table>	Description: 2022 Technical Handbook
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C	The non-domestic type approval has been assessed on the following drawings and specifications: See attached annexe to this certificate
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D	Wind: (as defined in BS 6399-2)	Standard effective wind speed, $V_e =$ <i>For maximum effective height =</i> <i>Has funnelling been considered?</i>	27.1m/s (UK National Annexe to EC1 Exposure Factor = 3.14m NO
	Wind: (as defined in CP3: Chapter V) or equivalent Eurocode	Design wind speed, $v_s =$ For max. effective height = Minimum site distance to sea= Maximum permitted site altitude=	NA 3.14 m 0.5km 200m
	Snow: (as defined in BS 6399-3)	Site snow load, $S_o =$ <i>Influenced by adjacent buildings?</i>	0.79 Kn/m2 NO
	Resistance to moisture/durability of exposed elements:	<i>Max exposure (to wind driven rain) grading, as defined in BRE Report – Thermal Insulation: Avoiding Risks, Second Edition, 1994, to be exposure zone:</i> <i>Exposure to sea spray (i.e., coastal region) or de-icing salts?</i> Other air contaminants or biological factors – please specify any enhanced resistance if applicable (refer to BS7543 for guidance)	Zone 1/ Zone 2/ Zone 3/ Zone 4 NO
	Design Life: (per BS 7543 – Durability of buildings and building elements, products, and components)	Category of building design life = Design life of primary building envelope	50 years 50 Years

E	Conditions of certification:
	<ol style="list-style-type: none"> The design shown and the specifications and materials referred to have been assessed and approved in accordance with the Building (Scotland) Regulations 2004 and in accordance with the supporting guidance in the Non Domestic Technical Handbooks which came into force with effect from 1 February 2023. The Design of the ramp accessing the rear of the DRS Units, while contrary to guidance, has been approved as an Acceptable Alternative Approach - See Appendix A to this certificate. The certificate shall be valid until invalidated by formal notice by the Local Authority Building Standards Scotland The design shown and the materials specified shall not be changed without reference to the Local Authority Building Standards Scotland responsible for certifying the system. Where reference is made on a plan or specification document to any Code of Practice, British or European Standard or manufacturer's instruction it shall be construed as a reference to such publication in the form in which it is in force at the date of this certificate.

6. This certificate should not be regarded as a formal approval under the building warrant process prescribed by the Building (Scotland) Act 2003 enacted from 1 May 2005
7. Fairhurst Consulting Engineers statement dated 24/01/2023 Type D-Rev 7 referenced here under Section G, confirm that a structural appraisal has been carried out. Further site-specific information **MUST BE** made available when a site-specific building warrant is sought. Such additional information should take cognisance of Procedural Guidance on Certification including information to be submitted with a Building Warrant Application dated April 2010 Version 2. Confirmation of a holistic approach to structural adequacy of the entire completed building shall be provided by a registered engineer to the local authority within whose area the site-specific dwelling is to be built.

Annexe of drawings, certificates and specification documents used in the assessment:

F	Drawing Number:	Description:
	AS-XXXX XXXX-SBP-HTD-XX-DR-A-6800 – RVM HOUSING TYPE D	Boundary Conditions Analysis
	AS-XXXX XXXX-SBP-HTD-XX-DR-A-6801 – RVM HOUSING TYPE D	Fire Strategy
	AS-XXXX XXXX-SBP-HTD-XX-DR-A-9010-P2 – RVM HOUSING TYPE D	Model Layout 1
	AS-XXXX XXXX-SBP-HTD-XX-DR-A-9011-P2 – RVM HOUSING TYPE D	Model Layout 2
	AS-XXXX XXXX-SBP-XXX-XX-DR-A-2000-P1	General Notes
	AS-XXXX XXXX-SBP-XXX-XX-DR-A-2001	Approach to Accessibility
	AS-XXXX XXXX-SBP-XXX-XX-DR-A-9011	Access Ramp Principles Type C,D&E
	AS-XXXX XXXX-SRP-XXX-XX-DR-A-9012	Customer Access Ramp Principles
	AS-XXXX XXXX-SRP-XXX-XX-DR-A-9013	Service Access Ramp Principles
	Gaelite-Type-D-001 (REV B)	3D Rendered View
	Gaelite-Type-D-002 (REV B)	Elevations and Perspective Views
	Gaelite-Type-D-003 (REV B)	Chassis Assembly and Cladding Panel Detail
	Gaelite-Type-D-004 (REV B)	Sections and Details
	XXXX XXXX-HAL-HTD-XX-DR-A 6800_revA_RVM Housing Type D	Electrical Services Layout1
G	Certification:	
	Structural Adequacy Statement Confirming Design Criteria – Type D	
	Climatic Conditions Statement Confirming Design Criteria – Type D	
	Structural Drawing Register - Unit Type D	
	DiM 70129002 GBR Rev.A	TOMRA - Declaration of incorporation of partly completed machinery
	DiM 70139001 GBR Rev.A	TOMRA - Declaration of incorporation of partly completed machinery
	DiM 70430001 GBR Rev.B	TOMRA - Declaration of incorporation of partly completed machinery
	DoC 70360002 GBR Rev.A	TOMRA – Declaration of Conformity
	DoC 70370002 GBR Rev.A	TOMRA – Declaration of Conformity
H	Specifications	
	BBA 99 3269 - TRESPA METEON (Jan 2020 amendment version)	
	KINGSPAN – FIRE TEST – 19667K Classification report EN13501-5 T4	
	TOMRA R1 and T9 – with MultiPac Air Brochure 2020_2	
	TOMRA T9 – with EasyPac Brochure 2	
	TOMRA T9 – with MultiPac Brochure 2	
	TOMRA T70 Single and Dual Brochure 2020_2	
	DRS Enclosure – Technical Specification Manufacturers DOP – Oct 2022 – V.1_2	
	DRS Enclosure Sainsburys – Technical Specification – January 2023 – V.2	
I	Authority:	
	This system type approval certificate comprising 3 pages is authorised by:	
	Dundee City Council	
	acting as Lead Authority on behalf of the Local Authority Building Standards Scotland (LABSS)	

Appendix A

Regulation 9 Provision on which dispensation is given	Decision	STAS Condition
<p>Technical Standard 4.3 Stairs and ramps (Non Domestic)</p> <p>Every building must be designed and constructed in such a way that every level can be reached safely by stairs or ramps.</p> <p>Guidance clause 4.3.12 Ramp landings requires a landing to be provided at the top and bottom of every flight.</p>	<p>Dispensation of this requirement is considered reasonable based on the following:</p> <ol style="list-style-type: none"> 1. This dispensation only applies to the requirement for a landing to the top of the access ramp serving the rear doors to the DRS housing (where a ramp is required due to site specific conditions). 2. The clear width of the ramp will be at least the same width as the doors. 3. The ramp shall have a maximum gradient of 1:15. 4. The ramp will not be used by members of the public. 5. Use of the ramp to access the rear of the DRS housing will be subject to appropriate risk assessments and management / operational procedures developed by Sainsbury's. 	<p>Where a site dictates the need for a ramp, the layout shown in the supporting drawings and specifications shall be accepted by the verifier.</p>