



STANDARDSMARK LICENCE

SAI Global hereby grants:

AMPAC Technologies

ABN 22 649 643 187

7 Ledger Road, Balcatta, WA 6021, Australia

StandardsMark Licence

Manufactured to:

**AS ISO 7240.23:2014 - Fire detection and alarm systems - Visual alarm devices
& AS ISO 7240.3:2014 - Fire detection and alarm systems - Audible alarm devices**

"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: SMK40168-2

Issued : 7 December 2017
Expires : 31 August 2022

Originally Certified : 1 September 2017
Current Certification : 7 December 2017

Nicole Grantham
General Manager SAI Global Certification Services



* 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

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Manufactured to:

AS ISO 7240.3:2014 -Fire detection and alarm systems - Audible alarm devices

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

Model Name	Model ID	Addressable / Conventional	Description	Environmental Type	Rated Voltage (AC/DC)	IP rating	SPL Max	Date Endorsed
VSO	4107-3006	Conventional	Sounder Ivory Body	Type A	18 to 30V dc	IP 21C	90.9dB	3 Nov 2017
VSO-	4107-3005	Conventional	Sounder White Body	Type A	18 to 30V dc	IP 21C	90.9dB	3 Nov 2017
VTB-I	4107-5101	Conventional	Red Lens Shallow Red Body	Type A	21 to 28V dc	IP 21C	96.7dB	3 Nov 2017
VTB-I	4107-5102	Conventional	Amber Lens Shallow Red Body	Type A	21 to 28V dc	IP 21C	96.7dB	3 Nov 2017
VTB-I	4107-5103	Conventional	Red Lens Deep Red Body	Type B	21 to 28V dc	IP33C	96.7dB	3 Nov 2017
VTB-I	4107-5104	Conventional	Amber Lens Deep Red Body	Type B	21 to 28V dc	IP33C	96.7dB	3 Nov 2017
VTB-I	4107-5105	Conventional	Red Lens Shallow White Body	Type A	21 to 28V dc	IP21C	96.7dB	3 Nov 2017
VTB-I	4107-5106	Conventional	Amber Lens Shallow White Body	Type A	21 to 28V dc	IP21C	96.7dB	3 Nov 2017
VTB-I	4107-5107	Conventional	Red Lens Deep White Body	Type B	21 to 28V dc	IP33C	96.7dB	3 Nov 2017
VTB-I	4107-5108	Conventional	Amber Lens Deep White Body	Type B	21 to 28V dc	IP33C	96.7dB	3 Nov 2017
VTB-VC	4107-5201	Conventional	White Flash Shallow White Body	Type A	18 to 30V Dc	IP21C	96dB	3 Nov 2017
VTB-VC	4107-5202	Conventional	White Flash Deep White Body	Type B	18 to 30V Dc	IP33C	96dB	3 Nov 2017
VTB-VC	4107-5203	Conventional	Red Flash Shallow White Body	Type A	18 to 30V Dc	IP21C	96dB	3 Nov 2017
VTB-VC	4107-5204	Conventional	Red Flash Deep White Body	Type B	18 to 30V Dc	IP33C	96dB	3 Nov 2017
VTB-VC	4107-5205	Conventional	Red Flash Shallow Red Body	Type A	18 to 30V Dc	IP21C	96dB	3 Nov 2017
VTB-VC	4107-5206	Conventional	Red Flash Deep Red Body	Type B	18 to 30V Dc	IP33C	96dB	3 Nov 2017
VTB-VC	4107-5207	Conventional	White Flash Shallow Red Body	Type A	18 to 30V Dc	IP21C	96dB	3 Nov 2017

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Model Name	Model ID	Addressable / Conventional	Description	Environmental Type	Rated Voltage (AC/DC)	IP rating	SPL Max	Date Endorsed
VTB-VC	4107-5208	Conventional	White Flash Deep Red Body	Type B	18 to 30V Dc	IP33C	96dB	3 Nov 2017
VTB-VW	4107-5251	Conventional	White Flash Shallow White Body	Type A	18 to 30V Dc	IP21C	96dB	3 Nov 2017
VTB-VW	4107-5252	Conventional	White Flash Deep White Body	Type B	18 to 30V Dc	IP33C	96dB	3 Nov 2017
VTB-VW	4107-5253	Conventional	Red Flash Shallow White Body	Type A	18 to 30V Dc	IP21C	96dB	3 Nov 2017
VTB-VW	4107-5254	Conventional	Red Flash Deep White Body	Type B	18 to 30V Dc	IP33C	96dB	3 Nov 2017
VTB-VW	4107-5255	Conventional	Red Flash Shallow Red Body	Type A	18 to 30V Dc	IP21C	96dB	3 Nov 2017
VTB-VW	4107-5256	Conventional	Red Flash Deep Red Body	Type B	18 to 30V Dc	IP33C	96dB	3 Nov 2017
VTB-VW	4107-5257	Conventional	White Flash Shallow Red Body	Type A	18 to 30V Dc	IP21C	96dB	3 Nov 2017
VTB-VW	4107-5258	Conventional	White Flash Deep Red Body	Type B	18 to 30V Dc	IP33C	96dB	3 Nov 2017
VTG	4107-3001	Conventional	Sounder Red Shallow Body	Type A	21.6 to 28V dc	IP21C	101dB	3 Nov 2017
VTG	4107-3002	Conventional	Sounder Red Deep Body	Type B	21.6 to 28V dc	IP33C	101dB	3 Nov 2017
VTG	4107-3003	Conventional	Sounder White Shallow Body	Type A	21.6 to 28V dc	IP21C	101dB	3 Nov 2017
VTG	4107-3004	Conventional	Sounder White Deep Body	Type B	21.6 to 28V dc	IP33C	101dB	3 Nov 2017

AS ISO 7240.23:2014 - Fire detection and alarm systems - Visual alarm devices

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

Model Name	Model ID.	Device Class	Addressable / Conventional	Environmental Type	Description	Date Endorsed
VTB - VC	4107-5201	C 3-8	Conventional	Type A	Celing Mount VTB-32EVAD white body, 32 tone, shallow base, white flash	16 Aug 2017
VTB - VC	4107-5202	C 3-8	Conventional	Type B	Celing Mount VTB-32EVAD white body, 32 tone, deep base, white flash	16 Aug 2017
VTB - VC	4107-5203	C 3-7	Conventional	Type A	Celing Mount VTB-32EVAD C-3-7 white body, 32 tone, shallow base, red flash	16 Aug 2017
VTB - VC	4107-5204	C 3-7	Conventional	Type B	Celing Mount VTB-32EVAD C-3-7 white body, 32 tone, deep base, red flash	16 Aug 2017

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Model Name	Model ID.	Device Class	Addressable / Conventional	Environmental Type	Description	Date Endorsed
VTB - VC	4107-5205	C 3-7	Conventional	Type A	Celing Mount VTB-32EVAD C-3-7 red body, 32 tone, shallow base, red flash	16 Aug 2017
VTB - VC	4107-5206	C 3-7	Conventional	Type B	Celing Mount VTB-32EVAD C-3-7 red body, 32 tone, deep base, red flash	16 Aug 2017
VTB - VC	4107-5207	C 3-8	Conventional	Type A	Celing Mount VTB-32EVAD red body, 32 tone, shallow base, white flash	16 Aug 2017
VTB - VC	4107-5208	C 3-8	Conventional	Type B	Celing Mount VTB-32EVAD red body, 32 tone, deep base, white flash	16 Aug 2017
VTB- VW	4107-5251	W-2.4-8	Conventional	Type A	Wall Mount VTB-32EVAD white body, 32 tone, shallow base, white flash	16 Aug 2017
VTB- VW	4107-5252	W-2.4-8	Conventional	Type B	Wall Mount VTB-32EVAD white body, 32 tone, deep base, white flash	16 Aug 2017
VTB- VW	4107-5253	W 2.4 - 7	Conventional	Type A	Wall Mount VTB-32EVAD W-2.4-7 white body, 32 tone, shallow base, red flash	16 Aug 2017
VTB- VW	4107-5254	W 2.4 - 7	Conventional	Type B	Wall Mount VTB-32EVAD W-2.4-7 white body, 32 tone, deep base, red flash	16 Aug 2017
VTB- VW	4107-5255	W 2.4 - 7	Conventional	Type A	Wall Mount VTB-32EVAD W-2.4-7 red body, 32 tone, shallow base, red flash	16 Aug 2017
VTB- VW	4107-5256	W 2.4 - 7	Conventional	Type B	Wall Mount VTB-32EVAD W-2.4-7 red body, 32 tone, deep base, red flash	16 Aug 2017
VTB- VW	4107-5257	W-2.4-8	Conventional	Type A	Wall Mount VTB-32EVAD red body, 32 tone, shallow base, white flash	16 Aug 2017
VTB- VW	4107-5258	W-2.4-8	Conventional	Type B	Wall Mount VTB-32EVAD red body, 32 tone, deep base, white flash	16 Aug 2017
VXB-VC	4107-1101	C 3-8	Conventional	Type A	VXB-1EVAD C-3-8 white body, shallow base, white flash	16 Aug 2017
VXB-VC	4107-1102	C 3-8	Conventional	Type B	VXB-1EVAD C-3-8 white body, deep base, white flash	16 Aug 2017
VXB-VC	4107-1103	C 3-7	Conventional	Type A	VXB-1EVAD C-3-7 white body, shallow base, red flash	16 Aug 2017
VXB-VC	4107-1104	C 3-7	Conventional	Type B	VXB-1EVAD C-3-7 white body, deep base, red flash	16 Aug 2017
VXB-VC	4107-1105	C 3-7	Conventional	Type A	VXB-1EVAD C-3-7 red body, shallow base, red flash	16 Aug 2017
VXB-VC	4107-1106	C 3-7	Conventional	Type B	VXB-1EVAD C-3-7 red body, deep base, red flash	16 Aug 2017

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Model Name	Model ID.	Device Class	Addressable / Conventional	Environmental Type	Description	Date Endorsed
VXB-VC	4107-1107	C-3-8	Conventional	Type A	VXB-1EVAD C-3-8 red body, shallow base, white flash	16 Aug 2017
VXB-VC	4107-1108	C 3-8	Conventional	Type B	VXB-1EVAD C-3-8 red body, deep base, white flash	16 Aug 2017
VXB-VW	4107-1151	W2.4 - 8	Conventional	Type A	VXB-1EVAD W-2.4-8 white body, shallow base, white flash	16 Aug 2017
VXB-VW	4107-1152	W2.4 - 8	Conventional	Type B	VXB-1EVAD W-2.4-8 white body, deep base, white flash	16 Aug 2017
VXB-VW	4107-1153	W 2.4 - 7	Conventional	Type A	VXB-1EVAD W-2.4-7 white body, shallow base, red flash	16 Aug 2017
VXB-VW	4107-1154	W 2.4 - 7	Conventional	Type B	VXB-1EVAD W-2.4-7 white body, deep base, red flash	16 Aug 2017
VXB-VW	4107-1155	W 2.4 - 7	Conventional	Type A	VXB-1EVAD W-2.4-7 red body, shallow base, red flash	16 Aug 2017
VXB-VW	4107-1156	W 2.4 - 7	Conventional	Type B	VXB-1EVAD W-2.4-7 red body, deep base, red flash	16 Aug 2017
VXB-VW	4107-1157	W2.4 - 8	Conventional	Type A	VXB-1EVAD W-2.4-8 red body, shallow base, white flash	16 Aug 2017
VXB-VW	4107-1158	W2.4 - 8	Conventional	Type B	VXB-1EVAD W-2.4-8 red body, deep base, white flash	16 Aug 2017

End of Record

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