Listing Constructional Data Report (CDR)

1.0 Reference and Address			
Report Number	105850883MIN-001	Original Issued: 18-Apr-2025	Revised: 18-Sep-2025
Standard(s)	Amusement and Gaming Machines [UL 22:2008 Ed.6+R:06Feb2019] Safety of Household and Similar Appliances - Part 1: General Requirements [CSA C22.2#60335-1:2016 Ed.2] Household and Similar Electrical Appliances - Safety - Part 2-82: Particular Requirements for Amusement Machines and Personal Service Machines [CSA C22.2#60335-2-82:2020 Ed.4]		

Applicant	Bay Tek Entertainment Inc	Manufacturer 1	**Bay Tek Entertainment Inc.**
Address	1077 East Glenbrook Drive Pulaski WI 54162	Address	790 Markham Drive Pulaski WI 54162
Country	USA	Country	USA
Contact	Zak Krueger Kong Her	Contact	Zak Krueger Kong Her
Phone	(920)-615-4992 (559)-417-9210	Phone	(920)-615-4992 (559)-417-9210
FAX	NA	FAX	NA
Email	zak.krueger@thevillage.bz kong.her@thevillage.bz	Email	zak.krueger@thevillage.bz kong.her@thevillage.bz

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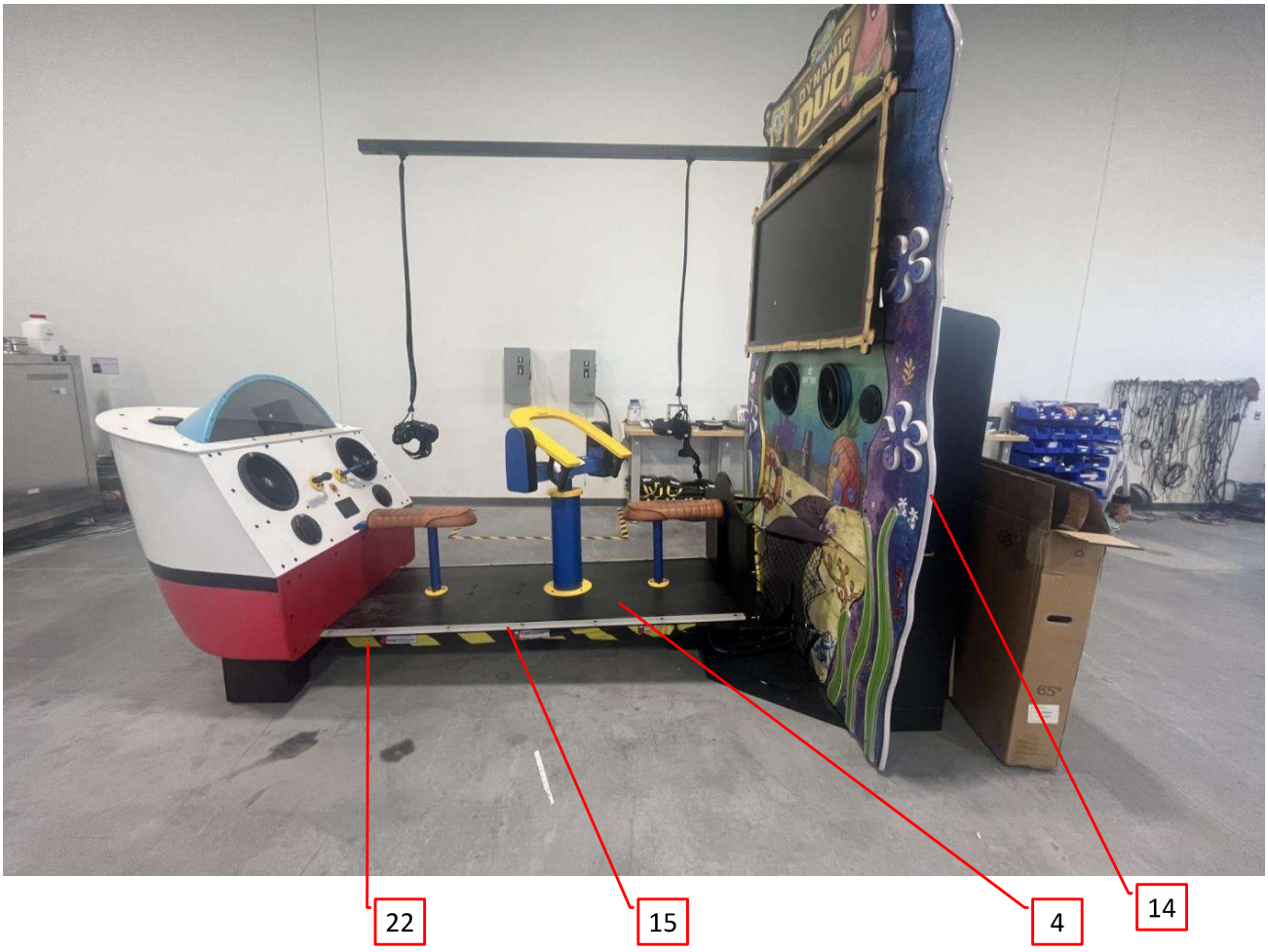
2.0 Product Description	
Product	Sponge Bob VR
Brand name	NA
Description	Product is a VR amusement machine, Players sit on boat platform and control the game through handles on boat and VR headset. Stationary appliance for indoor dry locations only
Models	AAGM-SBVR-BTE
Model Similarity	NA
Ratings	110-120 VAC, 220-240VAC, 50/60Hz, 16A@115VAC, 8A@230VAC
Other Ratings	NA

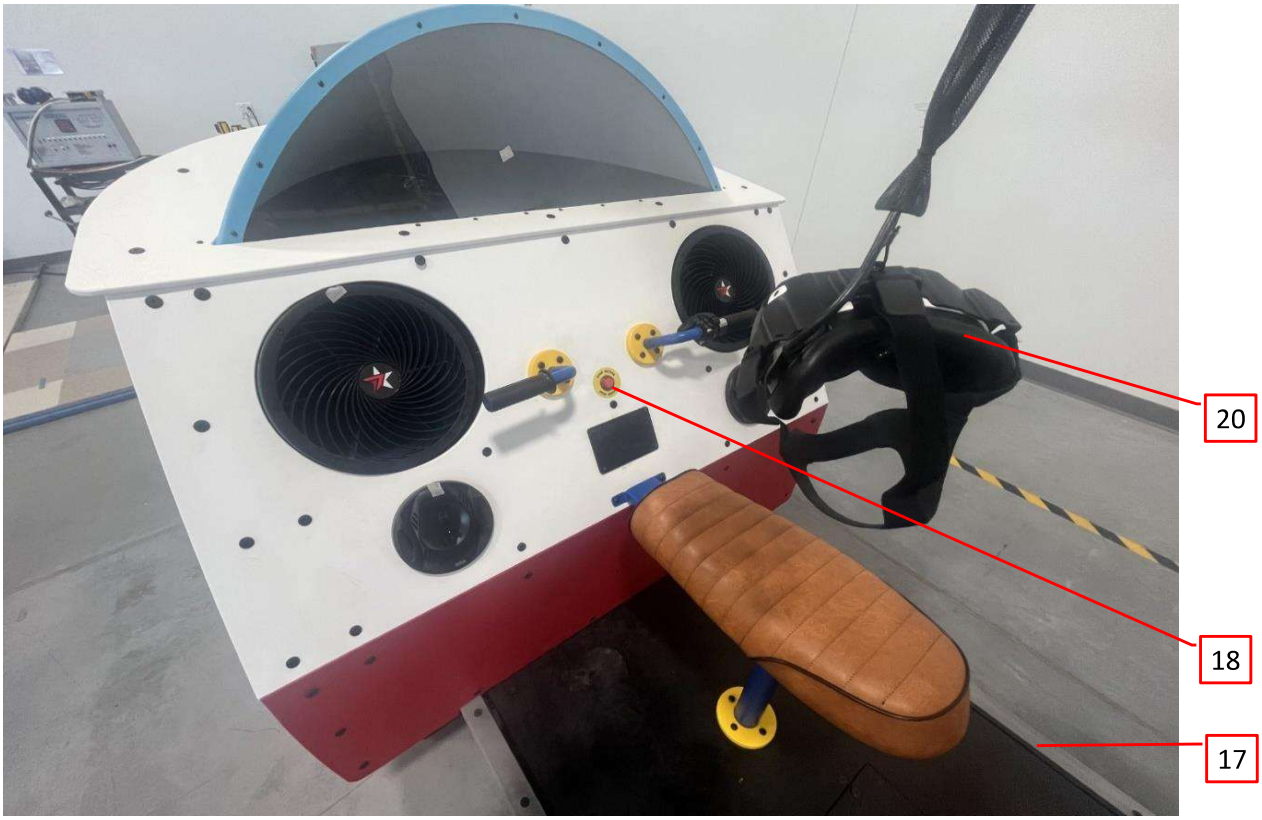
3.0 Product Photographs

Photo 1 - External boat view



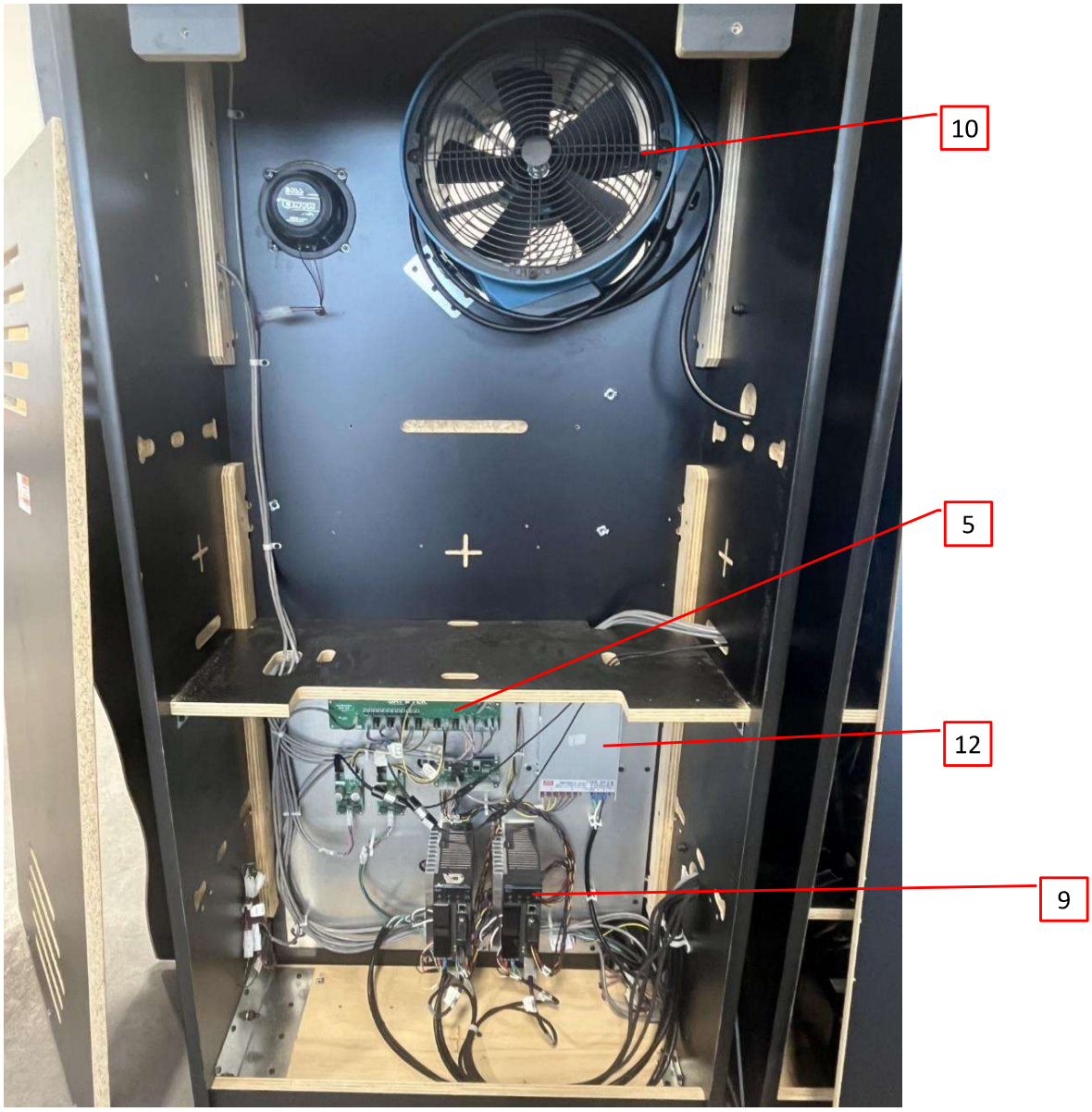
3.0 Product Photographs

Photo 2 - Front boat enclosure



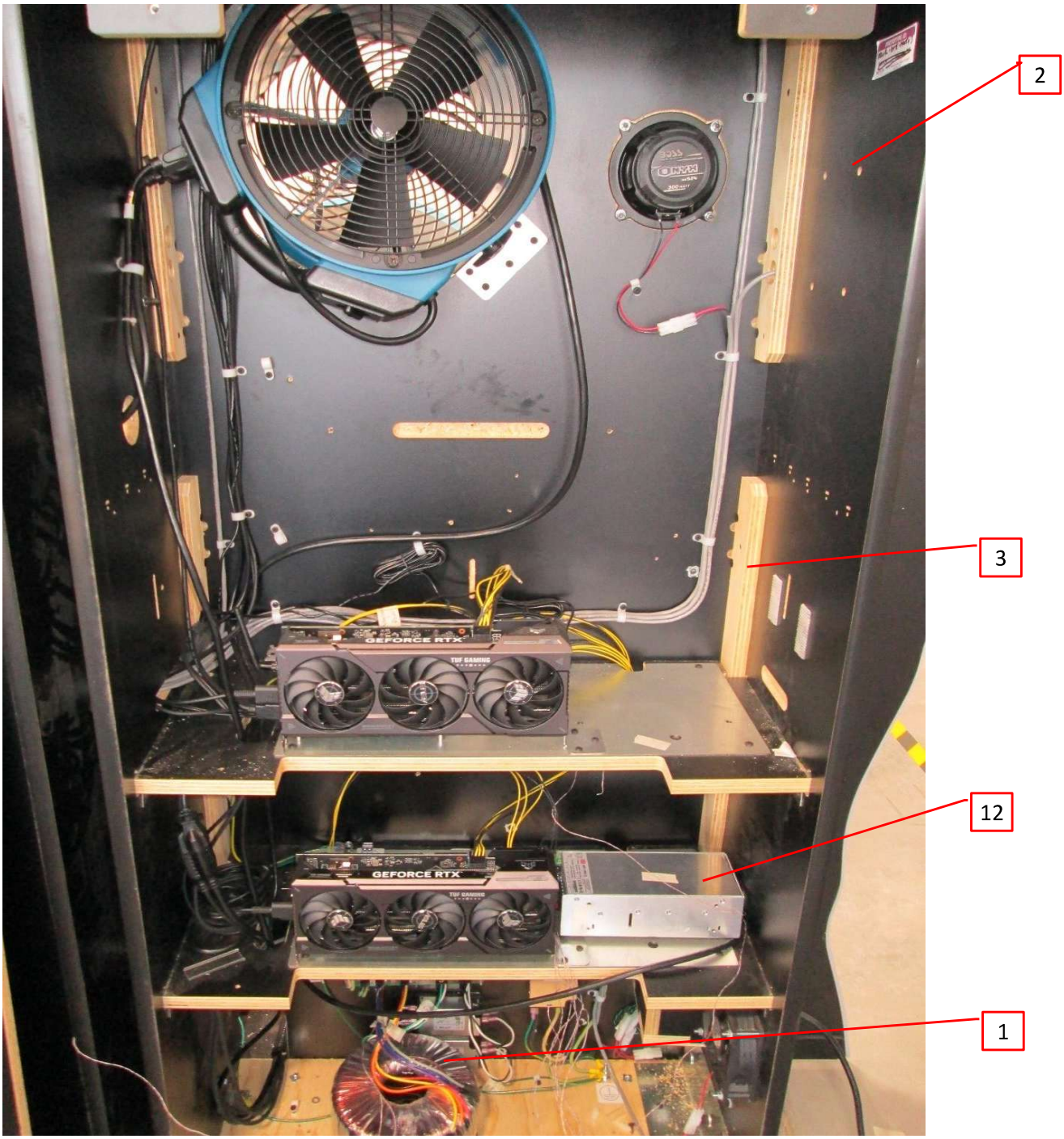
3.0 Product Photographs

Photo 3 - Back Internal cabinet 1



3.0 Product Photographs

Photo 4 - Back Internal cabinet 2

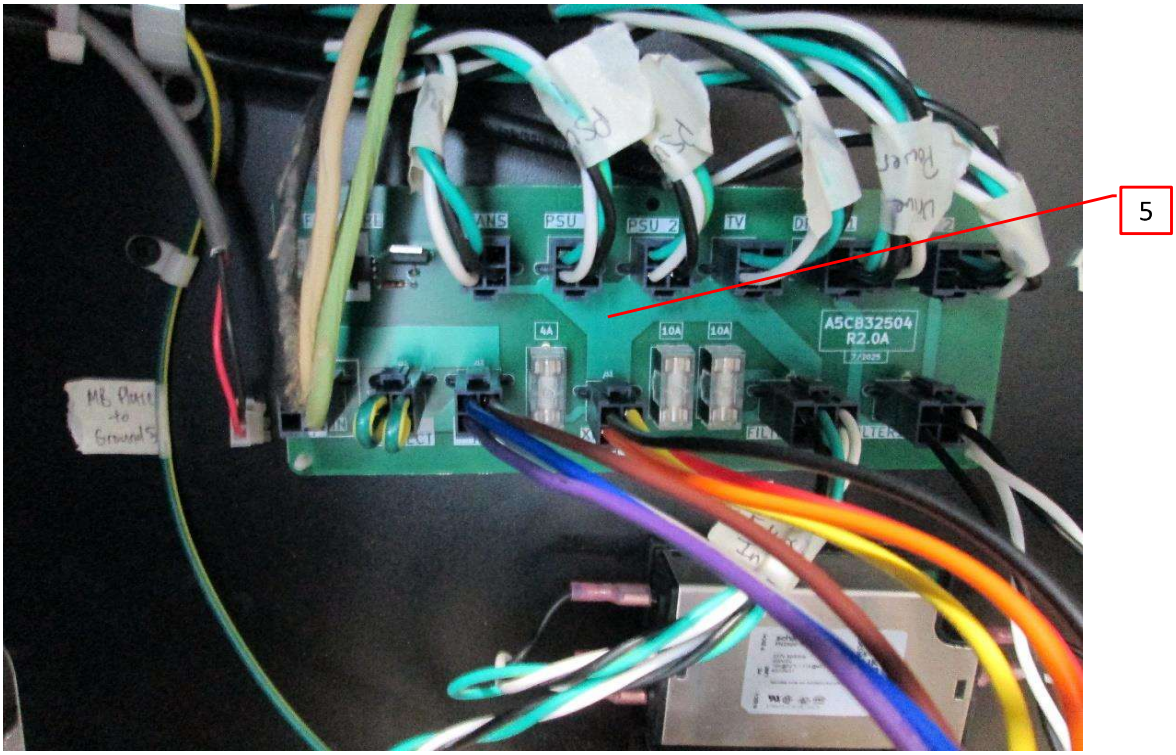


3.0 Product Photographs

Photo 5 - TV monitor

3.0 Product Photographs

Photo 6 - Voltage Selector



4.0 Critical Components						
Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
4	1	Auto Transformer	Triad Magnetics (UL E122529)	VPT230-10870	Input: Series: 230Vac, 50/60Hz, Parallel: 115Vac, 50/60Hz; Output: Series: 230Vac, 10.87A, Parallel 115Vac, 21.74A	cURus
4	2	Raw material of enclosure	Bay Tek	W5PL3402	3/4" black laminate plywood	NR
4	3	Raw material of enclosure	Bay Tek	W5PL3400	3/4" plywood	NR
1	4	Raw material of enclosure	Bay Tek	W5ME3410	3/4" black melamine	NR
3	5	Raw PCB material	ShenZhen JDB Technology Co LTD	JDB-M	V-0, 130C	UR
			Various	Various	V-1 minimum, 105ºC minimum	UR
1	6	IEC appliance inlet(Not Shown)	Schurter	EF12.0035.111 0.01	250 VAC, 16A @ 50Hz 250 VAC, 20A @ 60Hz	cURus
1	7	EMI filter(Not Shown)	Schaffner	FN2520-20-05-C1111	Rated 277 VAC, 20A	UR
			Schaffner	FN2500-10-05-C13	Rated 277VAC, 10A	
1	8	Actuator Motor(Not Shown)	Delta	ECM-B3M-C20807RS1	Input: 110VAC, 4.27A Output: 3000Nm	cURus
3	9	Servo Drive	Delta	ASD-B3-0721-L	Input: 200-230V, 3PH, 50/60Hz, 3.52A 200-230V, 1PH, 50/60Hz, 6.47A Output: 110V, 0-500Hz, 5.1A Power=750W	cURus
			Various	Various		
3	10	Fan	XPOWER	P-21AR	Input: 115V, 60Hz, 0.6A Power: 69W	cETLus
			Various	Various	Input: 115VAC, 60Hz Power: 70W max	cETLus or cULus
5	11	Speaker	Boss	NX524	Impedance: 4 ohms, 300W max	NR
			Various	Various		
3	12	Power Supply	Mean Well Enterprises Co., LTD. (UL E183223)	RSP-500-12	Input: 85-264 VAC, 47-63Hz, Input Current 5.3A Output capacity 500.4W	cURus
			Mean Well Enterprises Co., LTD. (UL E227340)	MSP-1000-12	Input: 90-264 Vac, 47-63Hz, Input Current 8.5-5A Output: 12Vdc, 80A maximum, 960W nominal	cURus
5	13	65" TV Monitor	Perfect Display Technology Co LTD	HYC650WE	100-240 VAC, 50/60Hz, 150W	cULus
			Various	Various	100-240 VAC, 50/60Hz, 150W maximum	

4.0 Critical Components						
Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
1	14	Low voltage luminaries, "Orange", LED strip light	Shenzhen iPixel LED Light Co., Ltd.	S008480ZB1LZ	Located in a 12 VDC circuit	cURus
			Various	Various		
1	15	Low Voltage Luminaries, "White" LED strip light	Shenzhen iPixel LED Light Co., Ltd.	S006060BB1LZ	Located in a 12 VDC circuit	cURus
			Various	Various		
5	16	Low voltage luminaries, surface mounted, "RGB" LED strip light	Shenzhen iPixel LED Light Co., Ltd.	S008120TB3PZ	Located in a 12VDC circuit	cULus
			Various	Various		
2	17	Low Voltage Luminaries, "Green" LED Strip Light	Shenzhen iPixel LED Light Co., Ltd.	S005120BB1LZ	Located in a 12VDC circuit	cULus
			Various	Various		
2	18	Motion Stop Button	Adafruit Industries	3489	Located in a 12VDC circuit	NR
			Various	Various		
1	19	Marking label(Not shown)	Zebra	3000T	Unprinted stock dsg: Z-Supreme 3000T White. Suitable for additional printing with one or more of the following inks (in the black color unless otherwise indicated): Thermal transfer ribbon: Zebra Technologies Corp. 3200, 4200, 4300, 4800, 5100	cURus
2	20	VR Headset	DPVR	E4	USB connection into 12VDC circuit, 280g weight, 190*281*124.5mm approxmately, 5m cable connection, tested in the end product	NR
				E3		
1	22	Warning Tarp	Baytek	A5DE31517	Plastic tarp bound with bolts to the underside of the boat sized 850x150mm approximatly. See Illustration 2	NR
				A5DE31518		

NOTES:

1) Not all item numbers are indicated (called out) in the photos, as their location is obvious.

2) “Various“ means any type, from any manufacturer that complies with the "Technical data and securement means" and meets the "Mark(s) of conformity" can be used.

3) Indicates specific marks to be verified, which assures the agreed level of surveillance for the component. "NR" - indicates Unlisted and only visual examination is necessary. "See 5.0" indicates Unlisted components or assemblies to be evaluated periodically refer to section 5.0 for details.

5.0 Critical Unlisted CEC Components

No Unlisted CEC components are used in this report.

6.0 Critical Features

Recognized Component - A component part, which has been previously evaluated by an accredited certification body with restrictions and must be evaluated as part of the basic product considering the restrictions as specified by the Conditions of Acceptability.

Listed Component - A component part, which has been previously Listed or Certified by an accredited Certification Organization with no restrictions and is used in the intended application within its ratings.

Unlisted Component - A part that has not been previously evaluated to the appropriate designated component standard. It may also be a Listed or Recognized component that is being used outside of its evaluated Listing or component recognition.

Critical Features/Components - An essential part, material, subassembly, system, software, or accessory of a product that has a direct bearing on the product's conformance to applicable requirements of the product standard.

Construction Details - For specific construction details, reference should be made to the photographs and descriptions. All dimensions are approximate unless specified as exact or within a tolerance. In addition to the specific construction details described in this Report, the following general requirements also apply.

1. Spacing - In primary circuits, 2.4 mm minimum spacing are maintained through air and over surfaces of insulating material between current-carrying parts of opposite polarity and 2.4 mm minimum between such current-carrying parts and dead-metal parts or low voltage isolated circuits.
2. Mechanical Assembly - Components such as switches, fuseholders, connectors, wiring terminals and display lamps are mounted and prevented from shifting or rotating by the use of lockwashers, starwashers, or other mounting format that prevents turning of the component.
3. Corrosion Protection - All ferrous metal parts are protected against corrosion by painting, plating or the equivalent.
4. Accessibility of Live Parts - All uninsulated live parts in primary circuitry are housed within a metal enclosure constructed with no openings other than those specifically described in Sections 4 and 5.
5. Grounding - All exposed dead-metal parts and all dead-metal parts within the enclosure that are exposed are connected to the grounding lead of the power supply cord through the appliance inlet. Additionaly all secondary bonds converge on a main ground stud in both electrical cabinets.
6. Internal Wiring - Internal wiring is routed away from sharp or moving parts. Internal wiring leads terminating in soldered connections are made mechanically secure prior to soldering. Recognized Component separable (quick disconnect) connectors of the positive detent type, closed loop connectors, or other types specifically described in the text of this report are also acceptable as internal wiring terminals. At points where internal wiring passes through metal walls or partitions, the wiring insulation is protected against abrasion or damage by plastic bushings or grommets. All primary power wiring is minimum 18 AWG, with a minimum rating of 300V, 105 °C.
7. Schematics - NA, no schematics require verification during Field Representative Inspection Audits.
8. Markings - The product is marked on an approved labeling system as follows: applicant name, model number, serial number, date of manufacture, electrical ratings. See item 19 section 4.0
9. Cautionary Markings - Caution marking adss shown on illustration 1 and illustration 2 is required, it was made from approved marking and labeling sytem as item 19 in section 4.0.
10. Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer.

7.0 Illustrations

Illustration 1 - Warning marking 1

Illustration 2 -Warning marking 2(Tarp)

8.0 Test Summary					
Evaluation Period	01-24-2025 through 02-28-2025			Project No.	G105850883
Sample Rec. Date	20-Jan-2025	Condition	Production	Sample ID.	MIN2501281027-001
Test Location	Intertek 40 51st Way NE, Suite 100 Fridley, MN 55421				
Test Procedure	Testing Lab				

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.

The following tests were performed:

Test Description	CSA C22.2#60335-2-82:2020 Ed.4	UL 22:2008 Ed.6+R:06Feb2019	
Marking Durability	7.14	51	
Protection against access to live parts	8	45	
Power Input and Current	10	35	
Heating Test	11.8	36	
Leakage Current at Operating Temperatures	13.2	34	
Dielectric Strength at Operating Temperatures	13.3	37	
Humidity preconditioning and Spillage Test	15.2	38 & 47.1	
Leakage Current after Humidity Conditioning	16.2	37	
Dielectric Strength after Humidity Conditioning	16.3	34	
Abnormal Operations	19	41	
Abnormal operation, temperature rises	19.13	41	
Stability	20.1	39	
Impact resistance	21.1	45.2	
Capacitor Discharge Test	22.5	23.4	
Ground Bonding	27.5	44	
Clearances	29.1	28	
Creepage Distances	29.2	28	
Starting Current Test	--	33	

8.0 Test Summary					
Evaluation Period	15-Aug-2025 through 18-Sep-2025			Project No.	G105850883
Sample Rec. Date	20-Jan-2025	Condition	Production	Sample ID.	MIN2501281027-001
Test Location	Intertek 40 51st Way NE, Suite 100 Fridley, MN 55421				
Test Procedure	Testing Lab				

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.

The following tests were performed:

Test Description	CSA C22.2#60335-2-82:2020 Ed.4	UL 22:2008 Ed.6+R:06Feb2019	
Power Input and Current	10	35	
Heating Test	11.8	36	
Leakage Current at Operating Temperatures	13.2	34	
Dielectric Strength at Operating Temperatures	13.3	37	
Humidity preconditioning and Spillage Test	15.3	38 & 47.1	
Leakage Current after Humidity Conditioning	16.2	37	
Dielectric Strength after Humidity Conditioning	16.3	34	
Abnormal Operations	19	41	
Abnormal operation, temperature rises	19.13	41	
Capacitor Discharge Test	22.5	23.4	
Starting Current Test	--	33	

8.1 Signatures

A representative sample of the product covered by this report has been evaluated and found to comply with the applicable requirements of the standards indicated in Section 1.0.

Completed by:	Scott Jendro	Reviewed by:	Brunno Covolan
Title:	Engineer	Title:	Reviewer
Signature:		Signature:	

9.0 Correlation Page For Multiple Listings	
The following products, which are identical to those identified in this report except for model number and Listee name, are authorized to bear the ETL label under provisions of the Intertek Multiple Listing Program.	
BASIC LISTEE	Bay Tek Entertainment Inc
Address	1077 East Glenbrook Drive Pulaski WI 54162
Country	USA
Product	Sponge Bob VR

MULTIPLE LISTEE 1	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 1 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 2	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 2 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 3	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 3 MODELS	BASIC LISTEE MODELS

10.0 General Information

The Applicant and Manufacturer have agreed to produce, test and label ETL Listed products in accordance with the requirements of this Report. The Manufacturer has also agreed to notify Intertek and to request authorization prior to using alternate parts, components or materials.

COMPONENTS

Components used shall be those itemized in this Intertek report covering the product, including any amendments and/or revisions.

LISTING MARK

The ETL Listing mark applied to the products shall either be separable in form, such as labels purchased from Intertek, or on a product nameplate or other media only as specifically authorized by Intertek. Use of the mark is subject to the control of Intertek.

The mark must include the following four items:

1) applicable country identifiers "US" and/or "C" or "US", "C" and "EU"
2) the word "Listed" or "Classified" or "Recognized Component" (whichever is appropriate)
3) a control number issued by Intertek
4) a product descriptor that identifies the standards used for certification. Example:

For US standards, the words, “Conforms to” shall appear with the standard number along with the word, “Standard” or “Std.” Example: “Conforms to ANSI/UL Std. XX.”

For Canadian standards, the words “Certified to CAN/CSA Standard CXX No. XX.” shall be used, or abbreviated, “Cert. to CAN/CSA Std. CXX No. XX.”

Can be used together when both standards are used.

If all standards on the ATM have the same standard title, the shared title or its abbreviation may be used in place of the examples above. Example: "Medical Electrical Equipment" or "MEE"; "Information Technology Equipment" or "ITE"; "Audio/Video Information And Communication Technology Equipment" or "A/V ICTE".

Note: A facsimile must be submitted to Intertek, Attn: Follow-up Services for approval prior to use. The facsimile need not have a control number. A control number will be issued **after signed Certification Agreements** have been received by the Follow-up Services office, approval of the facsimile of your proposed Listing Mark, satisfactory completion of the Listing Report, and scheduling of a factory assessment in your facility.

MANUFACTURING AND PRODUCTION TESTS

Manufacturing and Production Tests shall be performed as required in this Report.

FOLLOW-UP SERVICE

Periodic unannounced audits of the manufacturing facility (and any locations authorized to apply the mark) shall be scheduled by Intertek. An audit report shall be issued after each visit. Special attention will be given to the following:

1. Conformance of the manufactured product to the descriptions in this Report.
2. Conformance of the use of the ETL mark with the requirements of this Report and the Certification Agreement.
3. Manufacturing changes.
4. Performance of specified Manufacturing and Production Tests.

In the event that the Intertek representative identifies non-conformance(s) to any provision of this Report, the Applicant shall take one or more of the following actions:

1. Correct the non-conformance.
2. Remove the ETL Mark from non-conforming product.
3. Contact the issuing product safety evaluation center for instructions.

10.1 Evaluation of Unlisted Components

Because Unlisted Components are uncontrolled, and they do not fall under a third party follow up program, Intertek may require these components to be tested and/or evaluated at least once annually, more often for certain components, as part of the independent certification process. The Unlisted Components in Section 5.0 require testing and/or evaluation as indicated.

The Applicant will be notified, in writing, via the applicable contact methods, as defined in Section 1.0, when these components must be selected and sent to Component Evaluation Center (CEC) for re-evaluation.

Due to particular testing requirements, some components may be requested to be shipped to specific labs. Thus, specific shipment destination(s) for each sample will be provided in the written notification.

Managing CEC Location:
Intertek Testing Services NA Inc.
ETL Component Evaluation Center
1717 Arlingate Ln.
Columbus, Ohio 43228 USA
Attn: CEC Safety
Sample Disposition: Due to the destructive nature of the testing, all samples will be discarded at the conclusion of testing unless, the manufacturer specifically requests the return of the samples. The request for return must accompany the initial component shipment.

11.0 Manufacturing and Production Tests

The manufacturer agrees to conduct the following Manufacturing and Production Tests as specified:

Required Tests

Dielectric Voltage Withstand Test, Grounding Continuity Test

11.1 Dielectric Voltage Withstand Test

Method

One hundred percent of production of the products covered by this Report shall be subjected to a routine production line dielectric withstand test.
The test shall be conducted on products, which are fully assembled. Prior to applying the test potential, all switches, contractors, relays, etc., should be closed so that all primary circuits are energized by the test potential. If all primary circuits cannot be tested at one time, then separate applications of the test potential shall be made.

The test voltage specified below shall be applied between primary circuits and accessible dead-metal parts. The test voltage may be gradually increased to the specified value but must be maintained at the specified value for one second or one minute as required.

Test Equipment

The test equipment shall incorporate a transformer with an essentially sinusoidal output, a means to indicate the applied test potential, and an audible and/or visual indicator of dielectric breakdown.
The test equipment shall incorporate a voltmeter in the output circuit to indicate directly the applied test potential if the rated output of the test equipment is less than 500VA.
If the rated output of the test equipment is 500VA or more, the applied test potential may be indicated by either:
1 - a voltmeter in the primary circuit;
2 - a selector switch marked to indicate the test potential; or
3 - a marking in a readily visible location to indicate the test potential for test equipment having a single test potential output.
In cases 2 and 3, the test equipment shall include a lamp or other visual means to indicate that the test potential is present at the test equipment output. All test equipment shall be maintained in current calibration.

Products Requiring Dielectric Voltage Withstand Test:

Product	Test Voltage	Test Time
All products covered by this Report. Between Line/Neutral and Ground)	1000 Vac	60 s
	or	
	1400Vdc	60 s
	or	
	1200Vac	1 s
	or	
	1700Vdc	1 s

11.2 Grounding Continuity Test

Method

Each product listed below shall be subjected to a test to determine that there is continuity between accessible dead-metal parts of the product and the grounding pin or blade of the attachment plug.
If all accessible dead metal is connected, only a single test need be performed. A visual or audible device (ohmmeter, buzzer, etc.) may be used to indicate grounding continuity.

Products Requiring Grounding Continuity Test:

All products covered by this Report.

12.0 Revision Summary				
The following changes are in compliance with the declaration of Section 8.1:				
Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
18-Sep-2025	S. Jendro SJ	3	4	Replaced photo 4
G105850883MIN	B. Covolan	3	6	Replaced photo 6
	BC	4	1	Deleted Manufacturer "Hammond Manufacturing", Model "170J", Technical data "Rated 2000VA, Primary 230V, 8.7A, Secondary 115V, 17.4A See Illustration 3 for diagram", Conformity "See 5.0"
		4	1	Added Manufacturer "Triad Magnetics (UL E122529)", Model, "VPT230-10870", Technical data "Input: Series: 230Vac, 50/60Hz, Parellel: 115Vac, 50/60Hz; Output: Series: 230Vac, 10.87A, Parallel 115Vac, 21.74A", Conformity "cURus"
		4	12	Added "(UL E183223)" to Manufacturer of model RSP-500-12. Added alternate power supply; Manufacturer "Mean Well Enterprises Co., LTD. (UL E227340)", Model, "MSP-1000-12", Technical data "Input: 90-264 Vac, 47-63Hz, Input Current 8.5-5A Output: 12Vdc, 80A maximum, 960W nominal", Conformity "cURus"
		4	21	Deleted item "Voltage Selector", Manufacturer "Baytek", Model "A5CB32504", Technical data "Manufactured from UL 94 V-1 minimum, 105C minimum circuit board material", Conformity "NR"
		5	-	Deleted Insulated Coil CEC for Hammond Manufacturing Transformer, model 170J
		7	3	Deleted photo and caption "Illustration 3- Diagram of 170J"
		8	-	Added new Test Summary
		8.1	-	Added new Signatures