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02/19/2014

Letter Report No. 100708625CHI-001J  
 Project No. G100708625  
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Mark Dippner  
 BRK Brands, Inc.  
 3901 Liberty Street  
 Aurora, IL 60504-8122

email: MDippner@jardensafety.com

Subject: Battery models Eve and Duracell CR2 for one year life.

Reference: Quote number 500368996

Dear Mr. Mark Dippner:

This letter represents that testing was started on April 30, 2012 for the above reference equipment to the requirements contained in the following standards:

*Standard for Safety for Single and Multiple Station Smoke Alarms (ANSI/UL 217 - 6th Edition, dated 08/25/06 with revisions through and including 08/04/2015)*

This investigation was authorized by **Quote 500368996 dated 03/19/2012. The battery samples were received and placed in the four environmental chambers** and tested at the Intertek (Chicago) Arlington Heights, Illinois facility on April 30, 2012 samples:

CHI 1200331635-001 through 009

Battery Models Eve CR2 and Duracell CR2

**TEST PLAN**

<u>TEST</u>	UL 217 Paragraph	Status
Battery testing for one year	63	In Progress
Novelty	63.5	Completed
Quarter 1	63	Completed
Quarter 2	63	Completed
Quarter 3	63	Completed
Quarter 4	63	One year test completed as 5/6/2013
Quarter 5	63	completed (May 10, 2013 to August 15,2013)
Quarter 6	63	Completed (8/22/13 to 11/15/13)
Quarter 7	63	Completed (11/22/13 to 2/14/14)
Quarter 8	63	In progress

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Below are the results of each month from November 22, 2013 to February 14, 2014.

23C, 30-50%RH		11/22/2013			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	3.063	0.0000123	2.784	0.09280
2	CR2	3.065	0.0000123	2.78	0.09267
3	CR2	3.064	0.0000123	2.772	0.09240
4	CR2	3.066	0.0000123	2.789	0.09297
5	CR2	3.057	0.0000122	2.779	0.09263
6	CR2	3.063	0.0000123	2.786	0.09287
30C, 85%RH		11/22/2013			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	3.079	0.0000123	2.7900	0.09300
2	CR2	3.080	0.0000123	2.7930	0.09310
3	CR2	3.081	0.0000123	2.7920	0.09307
4	CR2	3.081	0.0000123	2.7740	0.09247
5	CR2	3.079	0.0000123	2.7990	0.09330
6	CR2	3.075	0.0000123	2.7340	0.09113
0C		11/22/2013			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	2.986	0.0000119	2.797	0.09323
2	CR2	2.990	0.0000120	2.776	0.09253
3	CR2	2.983	0.0000119	2.785	0.09283
4	CR2	2.985	0.0000119	2.716	0.09053
5	CR2	2.989	0.0000120	2.746	0.09153
6	CR2	2.992	0.0000120	2.787	0.09290
45C		11/22/2013			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	3.101	0.0000124	2.696	0.08987
2	CR2	3.105	0.0000124	2.792	0.09307
3	CR2	3.107	0.0000124	2.711	0.09037
4	CR2	3.103	0.0000124	2.842	0.09473
5	CR2	3.112	0.0000124	2.874	0.09580
6	CR2	3.111	0.0000124	2.785	0.09283



23C, 30-50%RH 11/22/2013					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current 30 OHM
1	CR2	3.079	0.0000123	3.001	0.10003
2	CR2	3.078	0.0000123	2.996	0.09987
3	CR2	3.078	0.0000123	2.994	0.09980
4	CR2	3.078	0.0000123	2.988	0.09960
5	CR2	3.079	0.0000123	2.993	0.09977
6	CR2	3.078	0.0000123	2.994	0.09980

30C, 85%RH 11/22/2013					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current 30 OHM
1	CR2	3.095	0.0000124	3.012	0.10040
2	CR2	3.095	0.0000124	3.013	0.10043
3	CR2	3.095	0.0000124	3.011	0.10037
4	CR2	3.094	0.0000124	3.003	0.10010
5	CR2	3.094	0.0000124	3.007	0.10023
6	CR2	3.095	0.0000124	3.007	0.10023

0C 11/22/2013					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current 30 OHM
1	CR2	3.008	0.0000120	2.876	0.09587
2	CR2	3.008	0.0000120	2.876	0.09587
3	CR2	3.007	0.0000120	2.868	0.09560
4	CR2	3.007	0.0000120	2.865	0.09550
5	CR2	3.007	0.0000120	2.872	0.09573
6	CR2	3.007	0.0000120	2.874	0.09580

45C 11/22/2013					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current
1	CR2	3.132	0.0000125	3.057	0.10190
2	CR2	3.133	0.0000125	3.056	0.10187
3	CR2	3.133	0.0000125	3.058	0.10193
4	CR2	3.133	0.0000125	3.054	0.10180
5	CR2	3.133	0.0000125	3.054	0.10180
6	CR2	3.133	0.0000125	3.054	0.10180



23C, 30-50%RH		12/20/2013			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	3.064	0.0000123	2.748	0.09160
2	CR2	3.065	0.0000123	2.775	0.09250
3	CR2	3.065	0.0000123	2.765	0.09217
4	CR2	3.066	0.0000123	2.778	0.09260
5	CR2	3.059	0.0000122	2.767	0.09223
6	CR2	3.063	0.0000123	2.78	0.09267
30C, 85%RH		12/20/2013			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	3.078	0.0000123	2.7560	0.09187
2	CR2	3.080	0.0000123	2.7840	0.09280
3	CR2	3.081	0.0000123	2.7850	0.09283
4	CR2	3.081	0.0000123	2.7630	0.09210
5	CR2	3.079	0.0000123	2.7910	0.09303
6	CR2	3.074	0.0000123	2.7250	0.09083
0C		12/20/2013			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	2.986	0.0000119	2.797	0.09323
2	CR2	2.990	0.0000120	2.776	0.09253
3	CR2	2.983	0.0000119	2.785	0.09283
4	CR2	2.985	0.0000119	2.716	0.09053
5	CR2	2.989	0.0000120	2.746	0.09153
6	CR2	2.992	0.0000120	2.787	0.09290
45C		12/20/2013			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	3.101	0.0000124	2.696	0.08987
2	CR2	3.105	0.0000124	2.792	0.09307
3	CR2	3.107	0.0000124	2.711	0.09037
4	CR2	3.103	0.0000124	2.842	0.09473
5	CR2	3.112	0.0000124	2.874	0.09580
6	CR2	3.111	0.0000124	2.785	0.09283



23C, 30-50%RH 12/20/2013					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current 30 OHM
1	CR2	3.080	0.0000123	2.998	0.09993
2	CR2	3.079	0.0000123	2.996	0.09987
3	CR2	3.079	0.0000123	2.992	0.09973
4	CR2	3.078	0.0000123	2.985	0.09950
5	CR2	3.079	0.0000123	2.988	0.09960
6	CR2	3.079	0.0000123	2.989	0.09963

30C, 85%RH 12/20/2013					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current 30 OHM
1	CR2	3.095	0.0000124	3.004	0.10013
2	CR2	3.095	0.0000124	3.012	0.10040
3	CR2	3.095	0.0000124	3.003	0.10010
4	CR2	3.094	0.0000124	3.002	0.10007
5	CR2	3.094	0.0000124	3.007	0.10023
6	CR2	3.095	0.0000124	3.006	0.10020

0C 12/20/2013					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current 30 OHM
1	CR2	3.008	0.0000120	2.876	0.09587
2	CR2	3.008	0.0000120	2.876	0.09587
3	CR2	3.007	0.0000120	2.868	0.09560
4	CR2	3.007	0.0000120	2.865	0.09550
5	CR2	3.007	0.0000120	2.872	0.09573
6	CR2	3.007	0.0000120	2.874	0.09580

45C 12/20/2013					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current
1	CR2	3.132	0.0000125	3.057	0.10190
2	CR2	3.133	0.0000125	3.056	0.10187
3	CR2	3.133	0.0000125	3.058	0.10193
4	CR2	3.133	0.0000125	3.054	0.10180
5	CR2	3.133	0.0000125	3.054	0.10180
6	CR2	3.133	0.0000125	3.054	0.10180



23C, 30-50%RH		1/24/2014			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	3.064	0.0000123	2.75	0.09167
2	CR2	3.064	0.0000123	2.768	0.09227
3	CR2	3.064	0.0000123	2.758	0.09193
4	CR2	3.065	0.0000123	2.778	0.09260
5	CR2	3.058	0.0000122	2.769	0.09230
6	CR2	3.063	0.0000123	2.776	0.09253
30C, 85%RH		1/24/2014			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	3.077	0.0000123	2.7610	0.09203
2	CR2	3.081	0.0000123	2.7730	0.09243
3	CR2	3.082	0.0000123	2.7710	0.09237
4	CR2	3.081	0.0000123	2.7540	0.09180
5	CR2	3.080	0.0000123	2.7810	0.09270
6	CR2	3.070	0.0000123	2.6980	0.08993
0C		1/24/2014			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	2.986	0.0000119	2.797	0.09323
2	CR2	2.990	0.0000120	2.776	0.09253
3	CR2	2.983	0.0000119	2.785	0.09283
4	CR2	2.985	0.0000119	2.716	0.09053
5	CR2	2.989	0.0000120	2.746	0.09153
6	CR2	2.992	0.0000120	2.787	0.09290
45C		1/24/2014			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	3.101	0.0000124	2.696	0.08987
2	CR2	3.105	0.0000124	2.792	0.09307
3	CR2	3.107	0.0000124	2.711	0.09037
4	CR2	3.103	0.0000124	2.842	0.09473
5	CR2	3.112	0.0000124	2.874	0.09580
6	CR2	3.111	0.0000124	2.785	0.09283



23C, 30-50%RH					
1/24/2014					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current 30 OHM
1	CR2	3.078	0.0000123	2.999	0.09997
2	CR2	3.078	0.0000123	2.996	0.09987
3	CR2	3.078	0.0000123	2.996	0.09987
4	CR2	3.077	0.0000123	2.988	0.09960
5	CR2	3.079	0.0000123	2.988	0.09960
6	CR2	3.078	0.0000123	2.989	0.09963

30C, 85%RH					
1/24/2014					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current 30 OHM
1	CR2	3.094	0.0000124	3.004	0.10013
2	CR2	3.095	0.0000124	3.014	0.10047
3	CR2	3.095	0.0000124	3.004	0.10013
4	CR2	3.094	0.0000124	3.002	0.10007
5	CR2	3.094	0.0000124	3.007	0.10023
6	CR2	3.095	0.0000124	3.006	0.10020

0C					
1/24/2014					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current 30 OHM
1	CR2	3.008	0.0000120	2.876	0.09587
2	CR2	3.008	0.0000120	2.876	0.09587
3	CR2	3.007	0.0000120	2.868	0.09560
4	CR2	3.007	0.0000120	2.865	0.09550
5	CR2	3.007	0.0000120	2.872	0.09573
6	CR2	3.007	0.0000120	2.874	0.09580

45C					
1/24/2014					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current
1	CR2	3.132	0.0000125	3.057	0.10190
2	CR2	3.133	0.0000125	3.056	0.10187
3	CR2	3.133	0.0000125	3.058	0.10193
4	CR2	3.133	0.0000125	3.054	0.10180
5	CR2	3.133	0.0000125	3.054	0.10180
6	CR2	3.133	0.0000125	3.054	0.10180



23C, 30-50%RH		2/7/2014			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	3.065	0.0000123	2.765	0.09217
2	CR2	3.065	0.0000123	3.779	0.12597
3	CR2	3.064	0.0000123	2.772	0.09240
4	CR2	3.066	0.0000123	2.779	0.09263
5	CR2	3.059	0.0000122	2.789	0.09297
6	CR2	3.064	0.0000123	2.788	0.09293
30C, 85%RH		2/7/2014			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	3.077	0.0000123	2.7730	0.09243
2	CR2	3.080	0.0000123	2.7850	0.09283
3	CR2	3.081	0.0000123	2.7850	0.09283
4	CR2	3.081	0.0000123	2.7680	0.09227
5	CR2	3.079	0.0000123	2.7970	0.09323
6	CR2	3.072	0.0000123	2.7220	0.09073
0C		2/7/2014			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	2.988	0.0000120	2.765	0.09217
2	CR2	2.991	0.0000120	2.76	0.09200
3	CR2	2.983	0.0000119	2.771	0.09237
4	CR2	2.985	0.0000119	2.705	0.09017
5	CR2	2.991	0.0000120	2.736	0.09120
6	CR2	2.994	0.0000120	2.787	0.09290
45C		2/7/2014			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	3.092	0.0000124	1.837	0.06123
2	CR2	3.100	0.0000124	2.317	0.07723
3	CR2	3.102	0.0000124	2.318	0.07727
4	CR2	3.098	0.0000124	2.612	0.08707
5	CR2	3.098	0.0000124	2.914	0.09713
6	CR2	3.105	0.0000124	2.733	0.09110





23C, 30-50%RH					
2/7/2014					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current 30 OHM
1	CR2	3.079	0.0000123	2.999	0.09997
2	CR2	3.079	0.0000123	2.996	0.09987
3	CR2	3.079	0.0000123	2.995	0.09983
4	CR2	3.078	0.0000123	2.983	0.09943
5	CR2	3.079	0.0000123	2.989	0.09963
6	CR2	3.079	0.0000123	2.984	0.09947

30C, 85%RH					
2/7/2014					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current 30 OHM
1	CR2	3.093	0.0000124	3.009	0.10030
2	CR2	3.093	0.0000124	3.013	0.10043
3	CR2	3.093	0.0000124	3.006	0.10020
4	CR2	3.093	0.0000124	3.001	0.10003
5	CR2	3.093	0.0000124	3.004	0.10013
6	CR2	3.094	0.0000124	3.006	0.10020

0C					
2/7/2014					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current 30 OHM
1	CR2	3.008	0.0000120	2.855	0.09517
2	CR2	3.008	0.0000120	2.874	0.09580
3	CR2	3.008	0.0000120	2.875	0.09583
4	CR2	3.008	0.0000120	2.868	0.09560
5	CR2	3.008	0.0000120	2.875	0.09583
6	CR2	3.008	0.0000120	2.876	0.09587

45C					
2/7/2014					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current
1	CR2	3.131	0.0000125	3.057	0.10190
2	CR2	3.132	0.0000125	3.056	0.10187
3	CR2	3.132	0.0000125	3.058	0.10193
4	CR2	3.132	0.0000125	3.052	0.10173
5	CR2	3.132	0.0000125	3.052	0.10173
6	CR2	3.132	0.0000125	3.051	0.10170



23C, 30-50%RH		2/14/2014			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	3.064	0.0000123	2.752	0.09173
2	CR2	3.064	0.0000123	2.774	0.09247
3	CR2	3.064	0.0000123	2.759	0.09197
4	CR2	3.066	0.0000123	2.774	0.09247
5	CR2	3.059	0.0000122	2.782	0.09273
6	CR2	3.063	0.0000123	2.781	0.09270

30C, 85%RH		2/14/2014			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	3.076	0.0000123	2.7630	0.09210
2	CR2	3.081	0.0000123	2.7780	0.09260
3	CR2	3.081	0.0000123	2.7830	0.09277
4	CR2	3.081	0.0000123	2.7600	0.09200
5	CR2	3.079	0.0000123	2.7890	0.09297
6	CR2	3.069	0.0000123	2.7190	0.09063

0C		2/14/2014			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	2.988	0.0000120	2.763	0.09210
2	CR2	2.991	0.0000120	2.741	0.09137
3	CR2	2.984	0.0000119	2.762	0.09207
4	CR2	2.987	0.0000119	2.701	0.09003
5	CR2	2.991	0.0000120	2.728	0.09093
6	CR2	2.993	0.0000120	2.766	0.09220

45C		2/14/2014			
		Standby		Alarm	
EVE	Model	Voltage	Current	Voltage	Current
1	CR2	3.088	0.0000124	1.092	0.03640
2	CR2	3.098	0.0000124	2.079	0.06930
3	CR2	3.100	0.0000124	2.116	0.07053
4	CR2	3.097	0.0000124	2.528	0.08427
5	CR2	3.097	0.0000124	2.899	0.09663
6	CR2	3.103	0.0000124	2.712	0.09040



23C, 30-50%RH 2/14/2014					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current 30 OHM
1	CR2	3.079	0.0000123	2.997	0.09990
2	CR2	3.078	0.0000123	2.993	0.09977
3	CR2	3.079	0.0000123	2.992	0.09973
4	CR2	3.078	0.0000123	2.983	0.09943
5	CR2	3.079	0.0000123	2.991	0.09970
6	CR2	3.078	0.0000123	2.988	0.09960

30C, 85%RH 2/14/2014					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current 30 OHM
1	CR2	3.094	0.0000124	3.009	0.10030
2	CR2	3.094	0.0000124	3.008	0.10027
3	CR2	3.094	0.0000124	3.005	0.10017
4	CR2	3.094	0.0000124	2.997	0.09990
5	CR2	3.094	0.0000124	3.002	0.10007
6	CR2	3.095	0.0000124	2.999	0.09997

0C 2/14/2014					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current 30 OHM
1	CR2	3.007	0.0000120	2.864	0.09547
2	CR2	3.008	0.0000120	2.866	0.09553
3	CR2	3.007	0.0000120	2.866	0.09553
4	CR2	3.007	0.0000120	2.861	0.09537
5	CR2	3.007	0.0000120	2.866	0.09553
6	CR2	3.007	0.0000120	2.824	0.09413

45C 2/14/2014					
Standby			Alarm		
Duracell	Model	Voltage	Current 250K	Voltage	Current
1	CR2	3.130	0.0000125	3.055	0.10183
2	CR2	3.131	0.0000125	3.055	0.10183
3	CR2	3.130	0.0000125	3.056	0.10187
4	CR2	3.130	0.0000125	3.052	0.10173
5	CR2	3.130	0.0000125	3.051	0.10170
6	CR2	3.130	0.0000125	3.047	0.10157



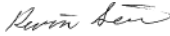

BRK Brands, Inc.

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02/19/2014

**We are continuing the testing of this battery models Eve CR2 and Duracell CR2 for a period of one more year. Please us know if you want to test this battery longer or shorter than a period of one year.**

If there are any questions regarding the results contained in this report, or any of the other services offered by Intertek, please do not hesitate to contact the undersigned.

Please note, this Letter Report does not represent authorization for the use of any Intertek certification marks.

Completed by:	Kevin Sein	Reviewed by:	Rich Hoffman
Title:	Associate Engineer	Title:	Staff Engineer
Signature:		Signature	

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