



For the Attention of: Sandy Chadha

Supreme Imports Limited
4 Beacon Road
Ashburton Park
Asburton Road West, Trafford Park
Manchester
M17 1AF

With Compliments

DATE REPORT ISSUED 06/04/2011

PLEASE FIND ENCLOSED OUR REPORT REFERENCE ALC E : 133258 : 0211

THANK YOU FOR CHOOSING
BUREAU VERITAS CONSUMER PRODUCTS SERVICES UK LTD

SAMPLE RETENTION POLICY

Unless otherwise agreed in writing, samples will be retained for a minimum period of 28 days and then disposed of at Bureau Veritas Consumer Products Services UK Ltd's discretion.

Bureau Veritas Consumer Products Services UK Ltd

31 KINGSLAND GRANGE • WOOLSTON • WARRINGTON • CHESHIRE • WA1 4RW • UNITED KINGDOM

TELEPHONE: +44 (0)1925 854360 • FAX: +44 (0)1925 851654 • EMAIL: bvsales@uk.bureauveritas.com • WEB: www.cps.bureauveritas.com



TECHNICAL REPORT

SUBMISSION INFORMATION

ALC. E : 133258 : 0211

DATE JOB BOOKED IN: 18/02/2011

DATE REPORT ISSUED: 06/04/2011

Sample Description: C type Alkaline Batteries
4 brands: JCB Super Alkaline
Pairdeer Super Alkaline
Energizer Ultra +
Duracell Plus

Applicant: Supreme Imports Limited
4 Beacon Road
Ashburton Park
Asburton Road West, Trafford Park
Manchester
M17 1AF

Applicant Ref. / Order:

TEST INFORMATION

Evaluation To: Comparison of different brands of batteries.

Standards Employed: BS EN 60086-1:2001
BS EN 60086-2:2001

CONCLUSIONS: All of the batteries exceeded the Minimum Average Duration (MAD) that was anticipated for the discharge tests. All of the brands attained between 194% and 204% of the MAD with the Duracell Plus lasting slightly longer than the others
No leakage was recorded from any cell during testing.

Signature:

Paul Harris

AUTHORISED SIGNATORY

BUREAU VERITAS CONSUMER PRODUCTS SERVICES UK LTD

PAGE 1 OF 4

This certificate should be read in conjunction with the attached report which has been prepared in accordance with and is subject to Bureau Veritas Consumer Products Services UK Ltd's standard Terms & Conditions.

The results and conclusions only apply to the sample(s) submitted and do not guarantee the bulk of the items from which it was obtained to be of equal quality.

Bureau Veritas Consumer Products Services UK Ltd

31 KINGSLAND GRANGE • WOOLSTON • WARRINGTON • CHESHIRE • WA1 4RW • UNITED KINGDOM

TELEPHONE: +44 (0)1925 854360 • FAX: +44 (0)1925 851654 • EMAIL: bvsales@uk.bureauveritas.com • WEB: www.cps.bureauveritas.com

SUMMARY OF EXAMINATION

Introduction:

An examination was requested to ascertain compliance with the requirements as detailed on page one of this report. The following clauses were considered applicable and our findings were as follows:

BS EN 60086-1:2001

CLAUSE	DESCRIPTION	RESULT	*COMMENTS
4.1.2	BATTERY DIMENSIONS	PASS	
4.1.3.1	CONTACT PRESSURE RESISTANCE	PASS	
4.1.6	MARKING	PASS	See note 1
4.1.7	INTERCHANGEABILITY: BATTERY VOLTAGE	PASS	
4.2	PERFORMANCE		
4.2.1	DISCHARGE PERFORMANCE	PASS	See note 2
4.2.2	DIMENSIONAL STABILITY	PASS	
4.2.3	LEAKAGE	PASS	See note 3
4.2.4	OPEN-CIRCUIT VOLTAGE LIMITS	PASS	

**See Annex II : Comments*

ANNEX I: SUBMISSION DESCRIPTION

Sample Description: C type Alkaline Batteries
4 brands: JCB Super Alkaline
Pairdeer Super Alkaline
Energizer Ultra +
Duracell Plus



Figure 1

ANNEX II : ADDITIONAL COMMENTS

- 1 On the Duracell, JCB and Energizer batteries only the positive terminal was marked however this was not considered to constitute a hazard.
- 2 The Minimum Average Duration (MAD) for the discharge test for this type of cell under the test conditions applied is 12 hours.

The following MAD values were recorded:

JCB Super Alkaline	24 hours	(200%)
Pairdeer Supere Alkaline	23.75 hours	(198%)
Energizer Ultra +	23.25 hours	(194%)
Duracell Plus	24.5 hours	(204%)

- 2 No leakage was recorded from any cell during testing.