

# REPORT

Technical Report: (5106)151-0185

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June 14, 2006



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Exhibits	N/A
Other	N/A



**Technical Report: (5106)151-0185**  
Date Received: May 31, 2006

June 14, 2006  
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RICHARD HO  
ZHEN HUA TRADING LTD  
ROOM 2003, 20/F., CC WU BLDG  
302-308 HENNESEY ROAD  
WAN CHAI  
HONG KONG

Sample Description:	SAFeway INSTANT LIGHT CHARCOAL BRIQUETS COMPARISON		
Vendor:	ZHEN HUA TRADING LTD	SKN/SKU No.:	N/A
Manufacturer:	N/A	PO No.:	N/A
Buyer:	N/A	Ref #:	N/A
UPC Code:	21130-54100	Country of Origin:	UNITED STATES
Sample Size:	2	Assortment No.:	N/A
Style No(s):	N/A		

**EXECUTIVE SUMMARY:**

At the request of the client, the submitted sample was evaluated per the applicable sections of Bureau Veritas Consumer Products Services test protocol MC-4352-US, Charcoal, and MC-6572-US, California Prop 65

The Sample **MEETS** the following section(s) of Bureau Veritas Consumer Products Services test protocol MC-4352-US, Charcoal , and MC-6572-US, California Prop 65

Note: The Safeway charcoal compares in all areas tested to the Kingsford and BBQ Master products.

All data from the Kingsford and BBQ Master products were transferred from report 5105-234-0179

Bureau Veritas  
Consumer Products Services, Inc.

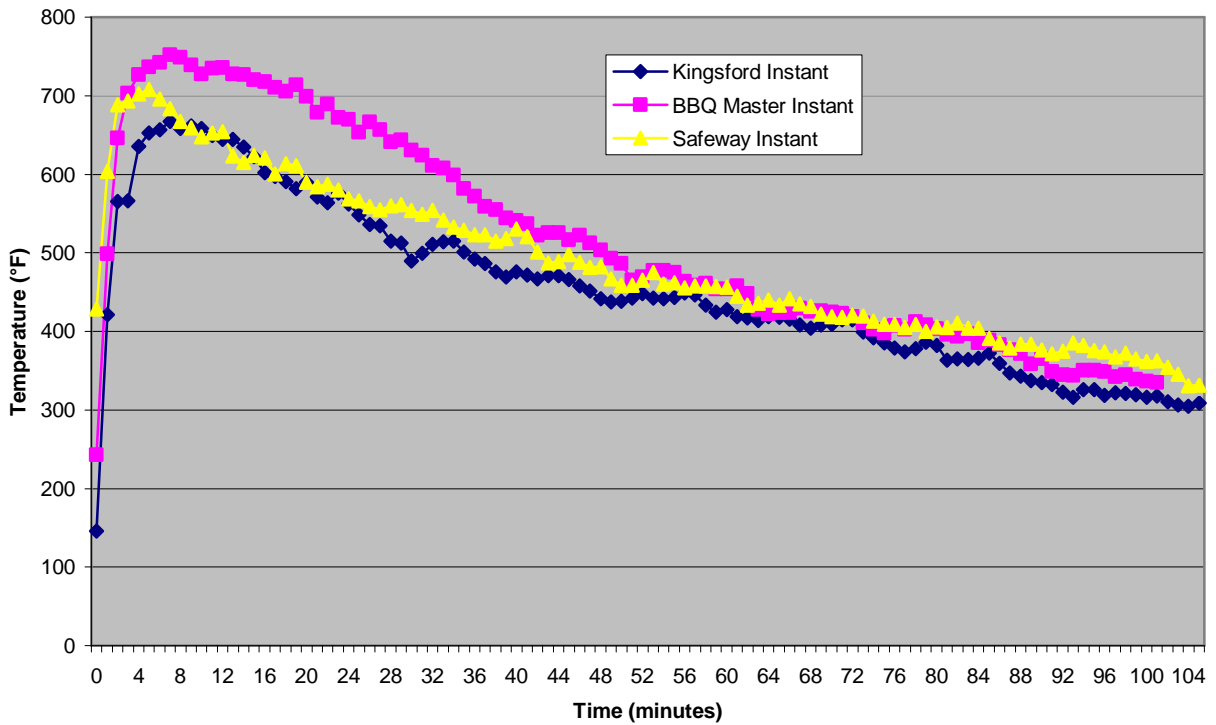
William R. Hartke, Sr.  
Associate Product Test Engineer,  
Hardlines Department  
[bill.hartke@us.bureauveritas.com](mailto:bill.hartke@us.bureauveritas.com)

/kv



**RESULTS:**

**Temperature Vs. Time - Instant Charcoal**  
**5106-151-0185**





**BUREAU  
VERITAS**

BV Lab Number: 5106-151-0185  
 Technician Name: Scott  
 Test Date: June 12, 2006  
 Reviewed By/Date: BH June 13, 2006

**BUREAU VERITAS TEST PROTOCOL FOR**  
**MC-4352-US**  
**Charcoal Briquets**

Evaluation	Citation/Method	No. Samples	Criteria	Results Kingsford Instant	BBQ Master Instant	Safeway Instant	Rating
<b>SUPPLEMENTAL PROTOCOLS</b>							
*CA Prop 65 <b>Upon Request</b>	Applicable Section from Protocol MC-6572-US	1	The sample shall be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.	NT	NT	M Warning provided	PASS
<b>LABELING</b>							
**Fair Packaging and Labeling Act	F.P. & L. Act (16 CFR 500)	1	Manufacturer, packer, or distributor's name & address (City, state & zip)	Kingsford Manufacturing Co.	NT	Safeway Inc. Oakland, CA 94660	PASS
			Product identification	Match Light Charcoal	NT	Instant Charcoal Briquets	PASS
			Net quantity of contents shall be expressed in terms of weight or mass, measure, numerical count, or combination so as to give accurate information to facilitate consumer comparison (U.S. and Metric units).	M	NT	M	PASS
**Country of Origin Marking	19 CFR 134.11	1	Shall indicate country of origin legibly, permanently, and in comparable size and close proximity to any mention of country other than country in which the article was manufactured or produced. Must be visible at point of purchase.	USA	NT	Product of USA	PASS
Warnings	16 CFR 1500	1	Must have pictogram warning with text: "CARBON MONOXIDE HAZARD" Burning charcoal inside can kill you. It gives off carbon monoxide, which has no odor. NEVER burn charcoal inside homes, vehicles or tents.	M	NT	M	PASS
Use Labeling	H-1057	1	Use / care instructions that are clear and understandable shall be provided in language appropriate to destination countries.	M	NT	M	PASS
Verify Label claims	H-1057 / H-1058	1	Must comply with all claims	M	NT	M	PASS



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MC-4352-US  
Charcoal Briquets

Evaluation	Citation/Method	No. Samples	Criteria	Results Kingsford Instant	BBQ Master Instant	Safeway Instant	Rating
** Emissions Documentation Review - Volatile Organic Compounds - US - Charcoal Lighter Material	SCAQMD Rule 1174	1	<p>Certification documentation must be supplied and must state that the material in question complies with the South Coast Air Quality Management District (SCAQMD) Rule 1174. This rule states that VOC emissions resulting from the ignition are less than or equal to 0.02 pound (9.0718 grams) of VOC per start. Certification must include product formulation and test results of certification.</p> <p>The product must clearly indicate on the container that it complies with the Rule and shall describe the proper uses for the product. This requirement can be satisfied by affixing a sticker or label on the container.</p> <p>Report discrepancies.</p> <p><b>Note:</b> Reformulation of a barbecue charcoal ignition material shall require recertification.</p>	NT	NT	M	PASS



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MC-4352-US  
 Charcoal Briquets

Evaluation	Citation/Method	No. Samples	Criteria	Results Kingsford Instant	BBQ Master Instant	Safeway Instant	Rating
** Emissions Documentation Review - Volatile Organic Compounds - US - Charcoal Lighter Material	40 CFR 59.203	1	<p>This rule states that VOC emissions resulting from the ignition are less than or equal to 9 grams (0.0198 pound) of VOC per start. Must comply with the certification and labeling requirements.</p> <p>Certification documentation must be supplied and must state that the material in question complies. This regulation states that VOC emissions resulting from the ignition are less than or equal to 9 grams of VOC per start. Certification must include product formulation and test results of certification.</p> <p>The product shall clearly indicate on the container that it complies with the Rule and shall describe the proper uses for the product. This requirement can be satisfied by affixing a sticker or label on the container.</p> <p>Report discrepancies.</p> <p><b>Note:</b> Reformulation of a barbecue charcoal ignition material shall require recertification.</p>	NT	NT	N/A	-
<b>PACKAGING</b>							
Seal (Sewn / Glued)	H-1057	1	<p>Sewing / Glue shall be complete and secure.</p> <p>No excess threads, tape, or glue.</p>	M	M	M	PASS



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**MC-4352-US  
Charcoal Briquets**

Evaluation	Citation/Method	No. Samples	Criteria	Results Kingsford Instant	BBQ Master Instant	Safeway Instant	Rating
Date Code / Lot Number	H-1057	1	Shall indicate a coded system for traceable lots.	No date code	M	Z2148052704	PASS
<b>PHYSICAL CHARACTERISTICS</b>							
Percent Volatile (%)	ASTM D1762-84 (R2001) / Standard Test Method for Chemical Analysis of Wood Charcoal	1	Before / After dry carbon weight comparison.	67.8%	64.3%	64.8%	-
Percent Moisture (%)	ASTM D1762-84 (R2001)	1	Before / After weight comparison.	7.6%	6.4%	8.6%	-
Percent Ash (%)	ASTM D1762-84 (R2001)	1	Before / After weight comparison.	19.2%	19.4%	21.5%	-
Average Weight per Briquette (Oz.) HL-017	H-1056	1	Report average weight per briquette.	29.1 g	34.3 g	33.2 g	-
Dimensions / Surface Area (L x W) (In.) HL-215	H-1056	1	Length / Width shall agree with label claims. Briquets shall exhibit uniform size.	3.65 sq in	3.39 sq in	3.50 sq in	-
Thickness (mm) HL-215	H-1056	1	Thickness shall agree with label claims. Briquets shall exhibit uniform size.	1.05 in	1.13 in	1.20 in	-
<b>CONSTRUCTION &amp; WORKMANSHIP</b>							
Quality of Fresh Briquets	H-1057	1	Describe: Color, shine, uniformity of surface, wood dust, if present.	Black square with shiny specs	Black dull square	Black square with shiny specs	-
Defects of Fresh Briquets	H-1057	1	Shall be no cracks, visible wood, missing chunks, pits, and foreign material.	M	M	M	PASS
Odor of Fresh Briquets	H-1057	1	No strong odor.	M	M	M	PASS
<b>PERFORMANCE</b>							
Functionality	H-1058	All	Shall function as intended. Report details of evaluation (Materials used / features tested / consumables / method / etc.)	M See below	M See below	M See below	PASS



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**MC-4352-US  
Charcoal Briquets**

<b>Evaluation</b>	<b>Citation/Method</b>	<b>No. Samples</b>	<b>Criteria</b>	<b>Results Kingsford Instant</b>	<b>BBQ Master Instant</b>	<b>Safeway Instant</b>	<b>Rating</b>
Ease of Ignition	Pour 90mL of lighter fluid over 2 Lbs. of charcoal in a Weber 14" diameter charcoal grill with the room temperature between 75 °F - 80 °F. Wait 1 min. then ignite charcoal. (For self starter briquets, do not use lighter fluid)	1	Shall ignite using 1 to 3 matches.	M	M	M	PASS
Ash over	H-1057	1	Report time to 100% ash over in 5 min. intervals.	5 min – 10% 10 min – 89% 15 min – 100% 20 min – 100% 25 min – 100%	5 min – 0% 10 min – 72% 15 min – 84% 20 min – 100% 25 min – 100%	5 min – 0% 10 min – 45% 15 min – 65% 20 min – 90% 25 min – 100%	-
Time Above 400°F HL-12	Burn Test (Data Acquisition Unit) / Heat Temperature Probe	1	Time above 400°.	74 min See attached graph	82 min See attached graph	85 min See attached graph	-
Smoke Generation	H-1057	1	Shall be no excessive smoke.	M	M	M	PASS





**BUREAU**  
**VERITAS**

Key:

\* Additional Charge For This Test      \*\* Mandatory Requirement

Results Key:

M	Meets	NM	Does Not Meet
NA	Not Applicable	NT	Not Tested
C	Claimed	R	Recorded

No. Of Samples Required For Complete Testing:	1
No. Of (Fully Packed) Cartons For Transit Testing:	1
No. Of Working Days For Complete Testing:	10

BV Lab Number: 5106-151-0185  
Technician Name: Scott

Creation Date: June 25, 2001  
Editorial Revision Date: November 30, 2005  
Pricing Review Date: February 28, 2006  
Technical Review Date: