#### UL Product iQ™



### QNVB.MH48989 - LEAD CONTENT VERIFICATION OF PRODUCTS IN CONTACT WITH POTABLE WATER

# Lead Content Verification of Products in Contact with Potable Water

See General Information for Lead Content Verification of Products in Contact with Potable Water

#### **HOSHIZAKI AMERICA INC**

MH48989

618 HIGHWAY 74 S PEACHTREE CITY, GA 30269-3002 USA

commercial cubed ice machine, "ice machine", Model(s) DKM-500BAJ, DKM-500BWH, DKM-500BWJ, DMK-500BAH, IM-200BAA, IM-200BAB, IM-500SAA, KM-1100MAH, KM-1100MAJ, KM-1100MRH, KM-1100MRJ, KM-1100MWH, KM-1100MWJ, KM-1301SAH, KM-1301SAH-P, KM-1301SAH3, KM-1301SAJ, KM-1301SAJ-P, KM-1301SAJ3, KM-1301SRH, KM-1301SRH3, KM-1301SRJ, KM-1301SRJ3, KM-1301SWH, KM-1301SWH-P, KM-1301SWH3, KM-1301SWJ, KM-1301SWJ3, KM-1340MAH, KM-1340MAJ, KM-1340MRH, KM-1340MRH3, KM-1340MRJ, KM-1340MRJ3, KM-1340MWH, KM-1340MWJ, KM-1601MRH, KM-1601MRH3, KM-1601MRJ, KM-1601MRJ3, KM-1601SAH, KM-1601SAH3, KM-1601SAJ, KM-1601SAJ3, KM-1601SRH, KM-1601SRH3, KM-1601SRJ, KM-1601SRJ3, KM-1601SWH, KM-1601SWH3, KM-1601SWJ, KM-1601SWJ3, KM-1800SRH3, KM-1900SAH, KM-1900SAH-P, KM-1900SAH3, KM-1900SAJ, KM-1900SAJ3, KM-1900SRH, KM-1900SRH3, KM-1900SRJ, KM-1900SRJ3, KM-1900SWH, KM-1900SWH-P, KM-1900SWH3, KM-1900SWJ, KM-1900SWJ3, KM-2000SRH3, KM-2000SWH3, KM-2100SRH3, KM-2100SRJ3, KM-2100SWH3, KM-2100SWJ3, KM-2200SRJ3, KM-2200SWJ3, KM-2400SRH3, KM-2500SRH, KM-2500SRH3, KM-2500SRJ3, KM-2500SWH3, KM-2500SWJ3, KM-2600SRJ3, KM-2600SWJ3, KM-320MAH, KM-320MWH, KM-340MAJ, KM-340MWJ, KM-350MAJ, KM-350MWJ, KM-515MAH-P, KM-515MAJ, KM-515MAJ-P, KM-515MRJ, KM-515MWH-P, KM-515MWJ, KM-515MWJ-P, KM-520MAJ, KM-520MRJ, KM-520MWJ, KM-600MAH, KM-650MAJ, KM-650MRJ, KM-650MWJ, KM-660MAJ, KM-660MRJ, KM-660MWJ, KM-901MAH, KM-901MAH-P, KM-901MAJ, KM-901MAJ-P, KM-901MRH, KM-901MRH3, KM-901MRJ, KM-901MRJ3, KM-901MWH, KM-901MWH-P, KM-901MWJ, KM-901MWJ-P, KMD-410MAH, KMD-410MAJ, KMD-410MWH, KMD-410MWJ, KMD-450MAH, KMD-450MWH, KMD-460MAJ, KMD-460MRJ, KMD-460MWJ, KMD-530MAJ, KMD-530MRJ, KMD-530MWJ, KMD-850MAH, KMD-850MAJ, KMD-850MRH, KMD-850MWH, KMD-860MAJ, KMD-860MRJ, KMD-860MWJ, KMD-901MAH, KMD-901MRH, KMD-901MRH, KMD-901MWH, KMD-90 901MWJ, KMH-2000SRH, KMH-2000SRH3, KMH-2000SWH, KMH-2000SWH3, KMH-2000SWJ, KMH-2100SRJ, KMH-2100SRJ3, KMH-2100SWJ3, KML-250MAH, KML-250MWH, KML-300MAJ, KML-300MWJ, KML-325MAJ, KML-325MWJ, KML-351MAH, KML-351MWH, KML-451MAH, KML-451MWH, KML-500MAJ, KML-500MWJ, KML-631MAH, KML-631MRH, KML-631MWH, KML-700MAJ, KML-700MRJ, KML-700MWJ, KMS-1122MLH, KMS-1122MLJ, KMS-1400MLH, KMS-1401MLH, KMS-1401MLJ, KMS-1402MLJ, KMS-2000MLH, KMS-2000MLJ, KMS-750MLH, KMS-822MLH, KMS-822MLJ, KMS-830MLH, KMS-830MLJ, SKM-500AA, SKM-750AB, WME-2500SRH, WME-2501SRH, WME-2501SRJ

**flaked ice machine, "ice machine"**, Model(s) C-100BAE-AD, C-100BAE-ADDS, C-100BAF, C-100BAF-AD, C-100BAF-ADDS, C-100BAF-D, C-100BAF-AD, C-101BAH-ADDS, C-101BAH-DS, C-80BAJ-AD, C-80BAJ-ADDS, C-80BAJ-DS, C-80BAJ-DS, C-80BAJ-DS, C-80BAJ-DS, C-80BAJ-DS, DCM-270BAH, DCM-270BAH-OS, DCM-300BAH-OS, DCM-300BAH-OS, DCM-500BAH-OS, DCM-500BAH-OS, DCM-751BAH, DCM-751BAH-OS, D

F-1501MAH, F-1501MAH, F-1501MAH-C, F-1501MAJ, F-1501MAJ-C, F-1501MAJ-SC, F-1501MRH, F-1501MRH-C, F-1501MRJ, F-1501MRJ-C, F-1501MRJ-SC, F-1501MRJ-SC, F-1501MRJ-SC, F-1501MRJ-SC, F-2000MLH, F-2000MLH-C, F-2000MRH, F-2000MRH-C, F-2000MRH3, F-2000MRH3-C, F-2000MWH, F-2000MWH-C, F-2001MLH, F-2001MLH-C, F-2001MLJ, F-2001MLJ-SC, F-2001MRJ-SC, F-2001MRJ-SC, F-2001MRJ-SC, F-2001MRJ-SC, F-2001MRJ-SC, F-2001MRJ-SC, F-2001MRJ-SC, F-2001MRJ-SC, F-2001MWJ-C, F-2001MWJ-C, F-2001MWJ-C, F-2001MWJ-SC, F-300BAF, F-300BAJ, F-300BAJ, F-330BAH, F-330BAH-C, F-450MAH-C, F-450MAH-C, F-450MAJ-C, F-500BAF, F-500BAF-C, F-500BAJ-C, F-801MAH, F-801MAH-C, F-801MAJ-SC, F-801MMJ-SC, F-801MWJ-SC, F-801MWJ-SC, F-801MWJ-SC, F-801MWJ-SC, F-801MWJ-SC, F-801MWJ-C, F-801MWJ-C, FD-1001MRH-C, FD-1001MRJ-C, FD-1002MAJ-C, FD-1002MAJ-C, FD-1002MAJ-C, FD-1002MAJ-SC, FD-1002MMJ-SC, FD-1002MMJ-SC, FD-650MAJ-C, FD-650MAJ-SC, FD-650MMJ-C, FD-650MMJ-SC, FD-650MMJ-SC, FD-650MMJ-SC, FD-650MMJ-SC, FD-650MMJ-SC, FD-650MMJ-SC, FD-1002MLJ-C, FS-1002MLJ-C, FS-1002MLJ-C, FS-1002MLJ-C, FS-1002MLJ-C, FS-1002MLJ-SC, FS-1500MLH-C, FS-1501MLJ-SC, H80CIMS-L, H80CIMS-R, H80CIMW, H80CIMW-AD, H80CIMW-ADL, H80CIMW-ADR

small cubed ice machine, "ice machine", Model(s) IM-200BAA, IM-200BAC, IM-500SAA, IM-500SAB, KM-101BAH, KM-115BAJ, KM-116BAJ, KM-151BAH, KM-151BWH, KM-160BAJ, KM-161BAJ, KM-161BWJ, KM-201BAH, KM-201BWH, KM-230BAJ, KM-230BWJ, KM-231BAJ, KM-260BAH, KM-260BWH, KM-300BAJ, KM-300BWJ, KM-301BAJ, KM-301BWJ, KM-61BAH, KM-80BAJ, KM-81BAJ

Sphere Ice Machine, "ice machine", Model(s) IM-50BAA-Q

under counter ice machine, "ice machine", Model(s) AM-50BAE, AM-50BAE-ADDS, AM-50BAE-DS, AM-50BAEAD, AM-50BAJ, AM-50BAJ-AD, AM-50BAJ-ADDS, AM-50BAJ-DS, GIM15L, GIM15R, H50IMH-L, H50IMS-ADL, H50IMS-ADR, H50IMS-L, H50IMS-R, H50IMW, H50IMW-AD, HK50IMS-L, HK50IMS-R, L15ICE

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The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

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#### UL Product iQ™



# QNVB.GuideInfo - LEAD CONTENT VERIFICATION OF PRODUCTS IN CONTACT WITH POTABLE WATER

### Lead Content Verification of Products in Contact with Potable Water

Guide Information for Plumbing and Associated Products

Guide Information for Food Safety and Quality, Products and Equipment

Guide Information for Heating, Cooling, Ventilating and Cooking Equipment

Guide Information for Electrical Equipment for Use in Ordinary Locations

#### **GENERAL**

This category covers drinking water system products, including, but not limited to, components, materials and process media (activated carbon, sand, etc.) that come in contact with, convey or dispense water intended for human consumption by drinking or cooking. The investigation includes determination of compliance with design requirements with respect to lead (Pb), including a weighted average Pb content of not more than 0.25%, and testing of the required materials to verify the Pb content. Products, components and materials covered under this category have been investigated for compliance with the following:

California Health and Safety Code, Section 116875, "Lead Materials"

Vermont Act No. 193, "Lead in Consumer Products Law"

Maryland House Bill 372, "Business Occupations and Professions - Plumbers - Lead-Free Materials"

Safe Drinking Water Act Amendment, "Reduction of Lead in Drinking Water Act"

NSF/ANSI 372, "Drinking Water System Components - Lead Content"

The investigation standards of this category do not cover structural integrity, performance or other health risk aspects such as contaminants that may leach into the water from materials of which the product, component, or material is manufactured. The final acceptance of a product, component, or material is dependent upon its compliance with the requirements and standards that a local, state, federal, or other jurisdictional body has defined for the product or component.

#### **INSTALLATION**

These products and components are intended to be installed and used in accordance with applicable codes and regulations. Authorities Having Jurisdiction should be consulted as to the requirements for this equipment with respect to connection to water-supply lines.

#### PRODUCT IDENTITY

One of the following product identities appears on the product:

Faucet

Valve

Other product identities may be used as shown in the individual certifications.

#### **RELATED PRODUCTS**

Products in contact with potable water are also covered under Drinking Water System Components (FDNP).

Water coolers, drinking water fountains and remote chillers are also covered under Drinking-water Coolers (SRJX).

Joining and sealing materials are also covered under Gaskets and Seals (JMLU2).

Faucets and related plumbing fixture fittings are also covered under Plumbing Fixture Fittings (QNSQ).

Submersible well pumps are also covered under Pumps, Electrically Operated, Liquid (REUZ).

Gaskets for polyvinyl chloride (PVC) pipe and couplings for underground fire service are also covered under Push-on Joint Gasket Material for Pipe (HLBW2).

Gaskets for gasketed joints for ductile-iron pipe and fittings for fire protection service are also covered under Gaskets for Use with Cast Iron and Ductile-Iron Pipe with Mechanical Joints (HESZ2).

Household freezers are also covered under Household Freezers (SHMR).

Household refrigerators intended for use in a marine environment are also covered under Refrigerators and Freezers, Marine (SVQL).

Refrigerators intended for use in recreational vehicles are also covered under Recreational Vehicle Refrigerators and Freezers (SKKQ).

Refrigerators intended for commercial use are also covered under Commercial Refrigerators and Freezers (SGKW).

Refrigerators in combination with ranges, microwave ovens and/or sinks are also covered under Kitchen Units, Refrigerated (SJPT).

Commercial powered food preparation equipment is also covered under Commercial Powered Food Preparation Equipment, Sanitation (DUIA).

Automatic ice-making equipment is also covered under Ice-making Equipment, Automatic (TSVG).

Manual food- and beverage-dispensing equipment is also covered under Food- and Beverage-dispensing Equipment, Manual (TSXL).

Vending machines for food and beverages are also covered under Vending Machines for Food and Beverages (TSYA).

Water heaters are also covered under Water Heaters, Hot Water Supply Boilers and Heat Recovery Equipment (TSYO).

Commercial electric cooking and warming equipment is also covered under Commercial Cooking Appliances (KNGT) and Custombuilt Food Service Equipment (KNNS).

Gas-fired food service equipment is also covered under Gas-fired Food Service Equipment (LGQX).

Refrigerators and freezers intended for commercial use are also covered under Commercial Refrigerators and Freezers (SGKW).

Food service equipment is also covered under Commercial Cooking, Rethermalization and Powered Hot Food Holding and Transport Equipment (TSQT).

#### ADDITIONAL INFORMATION

For additional information, see Plumbing and Associated Products (AAPP), Food Safety and Quality, Products and Equipment (AAFS), Heating, Cooling, Ventilating and Cooking Equipment (AAHC) and Electrical Equipment for Use in Ordinary Locations (AALZ).

#### **REQUIREMENTS**

The basic standard used to investigate products in this category is NSF/ANSI 372 (2011), "Drinking Water System Components -

Lead Content."

#### **UL MARK**

The Certification Mark of UL on the product or on the smallest unit container in which the product is packaged is the only method provided by UL to identify products manufactured under its Certification and Follow-Up Service. The Certification Mark for these products includes the UL symbol, the words "CERTIFIED" and "HEALTH EFFECTS," the geographic identifier(s), and a file number.

For process media shipped in bulk quantities, the Certification Mark may appear on a Bill of Lading or a Bulk Shipment Certificate.

### **Additional Certification Markings**

Products covered under this category are additionally marked with the following information:

#### NSF/ANSI 372

The words "AS TO  $\leq$  0.25% Pb ONLY" may be used in lieu of "NSF/ANSI 372" described above until July 1, 2013. After July 1, 2013, the words "NSF/ANSI 372" shall be used.

For products that are also certified by UL under another category, as an alternative to the complete Certification Mark described above, the words "ALSO CERTIFIED TO NSF/ANSI 372" (or "NSF/ANSI 372") may be used adjacent to the applicable UL Mark.

#### Alternate UL Mark

The Classification Mark of UL on the product or on the smallest unit container in which the product is packaged is the only method provided by UL to identify products manufactured under its Classification and Follow-Up Service. For process media shipped in bulk quantities, the Classification Mark may appear on a Bill of Lading or a Bulk Shipment Certificate. The Classification Mark for these products includes the UL symbol, the word "CLASSIFIED" above the UL symbol (as illustrated in the Introduction of this Directory), and the following additional information:

# [PRODUCT IDENTITY\*] IN ACCORDANCE WITH NSF/ANSI 372 Control No.

\* VALVE, FAUCET, or other appropriate product identity as shown in the individual Classifications

The Classification Mark may be abbreviated as follows:

UND. LAB. CLASSIFIED
IN ACCORDANCE WITH NSF/ANSI 372
Control No.

or

# UND. LAB. CLFD IN ACCORDANCE WITH NSF/ANSI 372 Control No.

The words "AS TO  $\leq$  0.25% Pb ONLY" may be used in lieu of "IN ACCORDANCE WITH NSF/ANSI 372" described above until July 1, 2013. After July 1, 2013, the words "IN ACCORDANCE WITH NSF/ANSI 372" shall be used.

For products that are also Listed or Classified by UL under another category, as an alternative to the complete Classification Mark described above, the words "ALSO CLASSIFIED" (or "ALSO CLFD") and the text "IN ACCORDANCE WITH NSF/ANSI 372" may be used adjacent to the applicable UL Mark.

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