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Wisconsin
Department of Commerce

Evaluation #

200424-H Revision 2

Safety & Buildings Division
201 West Washington Avenue
P.O. Box 2658
Madison, WI 53701-2658

Wisconsin Building Products Evaluation

Material

Microwave Oven
TurboChef Model NGC

Manufacturer

TurboChef Technologies, Inc.
10500 Metric Dr., Suite 128
Dallas, TX 75243

SCOPE OF EVALUATION

Section 507.2.2 of the **2003** and **2004 Supplement** of the **International Mechanical Code, IMC**, regarding exhaust system requirements where commercial cooking and dishwashing appliances produce grease, smoke, heat or steam have been evaluated for compliance with certain requirements of the **Wisconsin Commercial Building Code (WCBC), Chapters Comm 61-65**. Pursuant to **s. Comm 61.61** the TurboChef Models Tornado (NGC), C3/C and High H (HHB) microwave ovens are approved for use in the State of Wisconsin to satisfy the intent and the provisions of **IMC 507.2.2** as adopted by the **Wisconsin Commercial Building Code**.

This evaluation does not include the review for compliance to provisions of the current **Wisconsin Commercial Building Code** other than those specifically referenced above.

The use of the TurboChef Models Tornado (NGC), C3/C and High H (HHB) microwave ovens are subject to the description, limitations and conditions described in this evaluation.

DESCRIPTION AND USE

The current **Wisconsin Commercial Building Code** together with the 2000 edition of the **International Mechanical Code, IMC**, does not specifically address, acknowledge or prohibit the utilization of recirculating hoods and vent less steam removal systems in conjunction with commercial kitchen appliances and their operation where grease, smoke, heat or steam is produced. The revision under the **2003** edition and **2004 Supplement** of the **IMC** clarify the use of such appliances.

Section 507.2.2 of the **2003 International Mechanical Code** read as follows:

507.2.2 Type II hoods. Type II hoods shall be installed where cooking or dishwashing appliances produce heat or steam and do not produce grease or smoke, such as steamers, kettles, pasta cookers and dishwashing machines.

Exception:

3. A single light-duty electric convection, bread, retherm or microwave oven designed for installation on a counter or that is enclosed on five sides in a counter, provided that such appliances do not increase the ambient temperature more than 10° F at a distance greater than 5 feet away from such appliance during operation.

LIMITATIONS OF APPROVAL

The evaluation number assigned to this approval is to accompany each plan submitted for projects that utilizes the TurboChef Models: Tornado (NGC), C3/C and High H (HHB) ovens.

Deviations from this approval shall void the use of the approval.

Pursuant to s. **Comm 61.61(7)**, the department may reexamine an approval and issue a revised approval at any time.

This approval will be valid through December 31, 2009, unless manufacturing modifications are made to the product or a re-examination is deemed necessary by the department. The product approval is applicable to projects approved under the current edition of the applicable codes. This approval may be void for project approvals made under future applicable editions. The Wisconsin Building Product Evaluation number must be provided when plans that include this product are submitted for review.

DISCLAIMER

The department is in no way endorsing or advertising this product. This approval addresses only the specified applications for the product and does not waive any code requirement not specified in this document.

Revision Date: March 22, 2006

Approval Date: September 30, 2004 By: _____

Lee E. Finley, Jr.
Product & Material Review
Integrated Services Bureau