

State of California
Department of Food and Agriculture
Division of Measurement Standards

Certificate Number: 5393-04

Page 1 of 2

California Type Evaluation Program
Certificate of Approval
for Weighing and Measuring Devices

For:

Electronic Cash Register (ECR)
Point-of-Sale System
Model: Retail Management System
Trade Name: Microsoft Store Operations
Version: 1.2.0110

Accuracy Class: III

Submitted by:

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Standard Features and Options

Primary weight indication and motion detection is provided by a compatible and certified scale

Programmable tare with PLU
Price and product look-up capability
Manual weight entry
RS-232 communications
Operator display
Split pricing capability

Minimum system requirements: Video display
Alphanumeric keyboard
Receipt printer

Operating system: Windows 98 or later version
Application software: Microsoft SQL Server 2000 Desktop Engine (MSDE 2000)
Hardware: Pentium III processor, 64 MB RAM, 4 GB hard drive space, 32-bit network card

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable technical requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: June 22, 2004



Mike Cleary, Director

Microsoft Corp.
Electronic Cash Register (ECR)
Model: Retail Management System

Application: This system is intended to be used in a retail point-of-sale (POS) application. A remote customer display or an appropriate weight display is necessary when the POS system is interfaced to a weighing element.

Identification: The required identification information will be displayed by pressing the “CONTROL”, “SHIFT”, and “F1” keys simultaneously.

Sealing: The POS system does not require provisions for sealing. Source code information is kept by the manufacturer. When interfaced with a certified weighing element, sealing is accomplished as described on the weighing elements Certificate of Approval.

Operation: The ECR point-of-sale system may operate as an individual device or the system may be operated from a back office terminal with individual point-of-sale terminals in a retail location.

Test Conditions: The Model Retail Management System was installed on a desk top personal computer that satisfied the minimum system requirements. A Weigh-Tronix/NCI Model 6720-15 (Certificate of Conformance Number 95-070A5) weighing element with a pole mount display was interfaced to the personal computer. The emphasis of the evaluation was on device design, operation, interaction with the scale, and receipt format. Several transactions were conducted to verify manual weight operation, calculations, and tare operation.

Results of the evaluation indicate the device complies with applicable requirements.

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2004 Edition

Tested By: Charlie Nelson (CA)