

# STATE BOARD OF REFRIGERATION EXAMINERS

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## AMENDED RESOLUTION

December 13, 1996

This amends the resolution adopted November 20, 1973.

WHEREAS, G.S. 87-43 defines electrical contracting and provides that any person, firm or corporation must qualify and obtain an electrical contracting license from the State Board of Examiners of Electrical Contractors before engaging or offering to engage in the business of installing, maintaining, altering or repairing any electric work, wiring, devices, appliances or equipment within the State of North Carolina; and,

WHEREAS, G.S. 87-58 defines refrigeration contracting and provides that any person, firm or corporation must qualify and obtain a refrigeration contracting license from the State Board of Refrigeration Examiners before engaging or offering to engage in the business of installing, maintaining, servicing and repairing of refrigerating machinery, equipment, devices and components relating thereto, as defined in said statute, within the State of North Carolina; and,

WHEREAS, the State Board of Examiners of Electrical Contractors and the State Board of Refrigeration Examiners recognize that there exists certain overlap in the licensing requirements for electrical contractors as to the wiring related to refrigeration installations; and,

WHEREAS, it would be in the public interest to promulgate and establish a policy for proper licensing of persons, firms, or corporations engaging in refrigeration contracting who incidentally thereto perform certain electrical contracting as defined by G.S. 87-43;

NOW, THEREFORE, the State Board of Examiners of Electrical Contractors and the State Board of Refrigeration Examiners hereby mutually resolve:

That the State Board of Examiners of Electrical Contractors and the State Board of Refrigeration Examiners hereby accept, adopt, and agree to the following statement and declaration of policy and procedure:

## PART ONE

### REFRIGERATION INSTALLATIONS - RELATED WIRING DEFINED

1. Related wiring shall be restricted to circuits (and parts thereof) which operate at voltages not exceeding 600 volts phase-to-phase.
2. All such wiring shall be electrically isolated from the building wiring system by means of a suitable protective device (fused switch or circuit breaker) of a size and type to meet the National Electrical Code requirements for load, location and other pertinent conditions.
3. The isolating device is to be installed, complete with line-side connections, by a qualified electrical contractor. Related wiring must originate at the load-side terminals of the isolating device.
4. Except for control wiring, the related wiring is physically adjacent to the refrigeration equipment involved and is in sight of and not more than 50 feet from the equipment. Control wiring that receives its control power from the refrigeration equipment involved may extend beyond these limits if the control voltage does not exceed 120 volts to ground and the wiring is protected from overcurrent.
5. No such wiring, or any part thereof, may be installed in any locations defined as hazardous by the National Electrical Code.

## PART TWO

### REFRIGERATION INSTALLATIONS - RELATED WIRING - QUALIFICATIONS

Related wiring as defined in Part One above may be installed by a licensee of the State Board of Refrigeration Examiners in lieu of a licensed electrical contractor provided installations are made under the supervision of an individual who has demonstrated to the satisfaction of the State Board of Examiners of Electrical Contractors and the State Board of Refrigeration Examiners that he has adequate technical and practical knowledge concerning the safe and proper installation of such wiring.

To provide for the implementation of the above provisions, the State Board of Refrigeration Examiners shall include in all examinations appropriate and pertinent questions based on the provisions of the National Electrical Code, the North Carolina State Building Code, and the general fundamentals of electrical installations within the scope of related wiring as defined in Part One above.

Such questions shall be subject to prior approval by the staffs of the State Board of Examiners of Electrical Contractors and the State Board of Refrigeration Examiners and, on request, the staff of each Board will assist the other Board in preparing same.

Completed examinations shall be subject to joint review from time to time by designated members of the two Boards or representative staff members and a

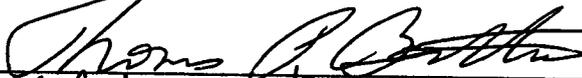
written report of each such review specifically covering the adequacy of the examining procedures as related to electrical wiring shall be submitted promptly to both Boards.

Nothing herein shall be interpreted to preclude a licensed electrical contractor from engaging in such electrical work.

Nothing herein shall be construed as superseding, or authorizing the waiver of, any requirement for permits and/or inspections which would otherwise be applicable to such electrical work.

This resolution adopted by the State Board of Examiners of Electrical Contractors during a regular meeting of the Board held on December 13, 1996, the same to become effective January 1, 1997.

**STATE BOARD OF EXAMINERS OF ELECTRICAL CONTRACTORS**



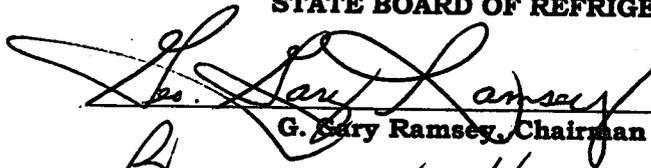
Thomas P. Beattie, Chairman



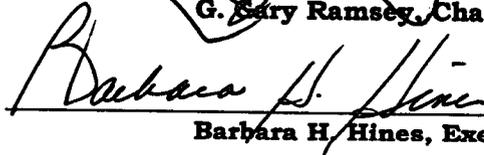
Robert L. Brooks, Jr., Executive Director

This resolution adopted by the State Board of Refrigeration Examiners during a regular meeting of the Board held on September 14, 1996, the same to become effective January 1, 1997.

**STATE BOARD OF REFRIGERATION EXAMINERS**



G. Gary Ramsey, Chairman



Barbara H. Hines, Executive Director