



December 14, 1998

Federal Communications Commission
C/O Mellon Bank
525 William Penn Way
Room 153-2713
Pittsburgh, PA 15259-0001

Attn.: Wholesale Lockbox Supervisor

Subject: Part 18 Certification for Microwave Oven

Models: R-508C, R-510C, R-519C and R-530C.
Brand Name: Sharp
FCC ID Number: APYDMR0122
Applicant: Sharp Corporation
Manufacturer: Sharp Manufacturing Company of America

Dear Sirs,

Sharp Manufacturing Company of America requests certification for the subject models under Part 18 of the FCC Rules. Enclosed you will find a completed FCC Form 731 and supporting exhibits. A list of exhibits is included directly behind the FCC Form 731.

If you should have any questions concerning this application please contact myself, (901) 367-5150 or Mr. Steve Petruska, (201) 529-9689. Thank you.

Sincerely,

Derek Shannon

Derek Shannon
Compliance Engineer
Microwave Oven Division

Enclosure

FCC ID: APDYMR0122

INFORMATION FOR CERTIFICATION

APPLICANT:

Name: Sharp Corporation, Reliability Control Group
Address: 22-22 Nagaike-Cho, Abeno-Ku
Osaka 545, Japan

Grantee Code: APY
Applicant Representative: Mr. K. Aoyagi

REPORTED BY:

Name: Sharp Manufacturing Company of America
Address: Sharp Plaza Blvd., Memphis, TN 38193

CONTACT PERSON:

Name: Sharp Electronics Corporation
Address: Sharp Plaza, Mahwah, New Jersey 07430
Applicant Representative: Mr. Steve Petruska
Telephone No.: (201) 529-9689

MANUFACTURER:

Name: Sharp Manufacturing Company of America
Address: Sharp Plaza Blvd., Memphis, TN 38193

FCC IDENTIFIER: APYDMR0122

EQUIPMENT: Microwave Oven Models R-508C, R-510C,
R-519C and R-530C.

FCC ID: APYDMR0122

EXHIBIT A

PURPOSE OF FILING

The purpose of this filing is to request certification for a new model family of microwave ovens. The output power for this model family is 1000 and 1100 Watts as measured by the IEC 705 method, 1988 revision. These models are cord connected counter top / built in Microwave Ovens. The Magnetrons used with these models have been used on previously certified products. The power transformer is a new design. The chassis design and waveguide are similar to the design for models listed under FCC ID APYDMR0115. There are some modifications in the dimensions of the cooking area.

TECHNICAL REPORT

APPLICATION FOR CERTIFICATION

December, 1998

FCC ID: APYDMRO122

MODEL NO.: R-508C, R-510C, R-519C and
R-530C.

MAGNETRON TYPE: 2M167B (PANASONIC)
2M246 (LG Electronics)
2M253J (L) Toshiba

EQUIPMENT CLASS: Part 18 Consumer Device

FCC ID: APYDMR0122

LIST OF EXHIBITS

EXHIBIT A - Purpose of Filing

EXHIBIT B - Block Diagram and Schematic Drawing

EXHIBIT C - Operations Manual

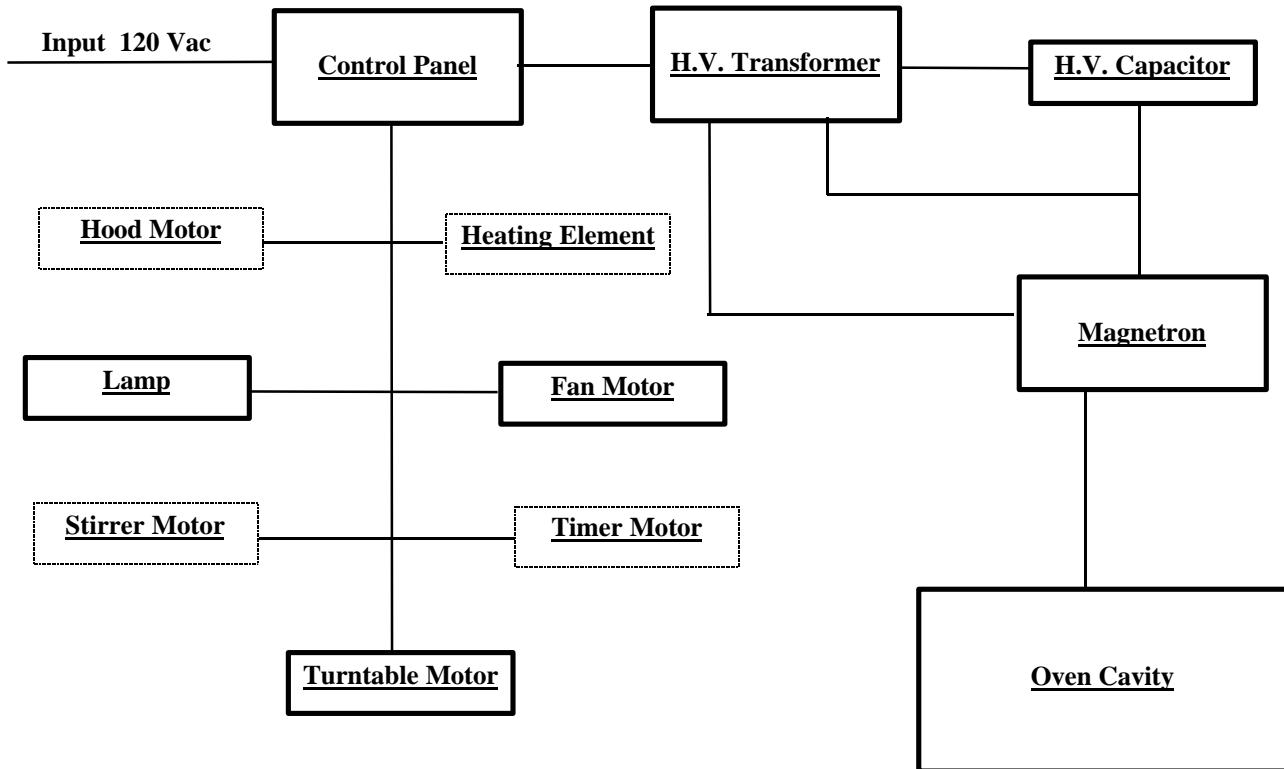
EXHIBIT D - Identification Label

EXHIBIT E - Photographs

EXHIBIT F - Measurement Report

FCC ID: APYDMR0122

MICROWAVE OVEN BLOCK DIAGRAM



Note: Components outlined with dotted line are optional and may not be present on all models.