AIC
ADVANCED INDUSTRIAL CONTROLS, INC.
536 EAST MAIN STREET
BRADFORD, PA 16701

IKUSI

William H. Graff - V.P. Engineering
American TCB Inc.
6731 Whittier Ave.
McLean, Va 22101

REF: IKUSI PVT-TM60

September 28, 2001

Dear Mr Graff,

Advanced Industrial Controls is the exclusive Marketing arm in America of the TM60 series wireless controls manufactured by IKUSI. Located in Bradford, PA we provide Marketing, Application Engineering, and customer support for this product.

The TM60 wireless controls will be marketed as a licensed (part 90) or unlicensed (part 15) device, depending on customer preference.

If the customer chooses an unlicensed system, IKUSI will manufacture the system in accordance with regulations governing part 15 and include the proper documentation pertaining to this system in the owners manual. An example of an insert of the manual follows.

Sincerely,

Ron Snyder

Director of Sales & Marketing

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1.- DESCRIPTION

The TM60/3, TM60/4, TM60/5, TM60/6, TM60/7, and TM60/8 console type transmitter radio remote control systems, are designed for the remote control of hoists and cranes (overhead cranes, tower cranes, hydraulic loader cranes, concrete pumps, driverless vehicles, etc) and are particularly suitable for applications when the operator needs to be able to choose the best location from which to carry out an operation.

The system consists of a transmitter for selecting commands and a receiver which is connected to the electrical system of the machine to be operated. The system also comes with a battery charger and two rechargeable batteries.

The main specifications are as follows:

The TM60 (unlicensed)

Frequency band	430 to 440 MHz
Response Time	100 ms
Temperature range	-4°F to +150°F (-20°C to +65°C)

The TM60/3, TM60/4, TM60/5, TM60/6, TM60/7, and TM60/8 transmitters

Transmission power	< 1 mW
Protection	NEMA 4 / IP65

The R60/9, R60/18, R60/26 and R60/38 receivers

Power supply	48, 115, 230 Vac ± 10%, 50/60 Hz Optional 12 or 24 Vdc
Consumption	30 to 40 W, depending on models
Relays	230 Vac/8 A
Protection	NEMA 12 / IP55

The CB60 battery charger

Power supply	115 Vac, 60 Hz or 24 Vdc optional 230 Vac ± 10%, 50 Hz.

The BT12 batteries

Voltage	7.2 V
Capacity	1200 mAh
Charging temperature	41°F to 95°F (5C° to 35°C)