



Date: April 24, 2001
To: FCC Lab
From: Elite Electronic Engineering
Subject: **RF EXPOSURE EVALUATION**

The Badger Meter Model PI-400 Portable Interrogator is excluded from routine RF exposure compliance. The type of device the portable interrogator is in combination with its output power rating of 1 W at less than 500MHz excluded the model PI-400 from RF exposure according to the TCB exclusion list. Review and approval procedures of section R were followed. The following statement is the proposed grant condition to be placed on the grant by Elite.

“This device and its antenna must operate with a separation distance of at least 5 cm from all persons and must not be co-located or operating in conjunction with any other antennas or transmitter. The end-user is allowed to hold the interrogator with his hands. While operating the interrogator, the end-user must keep the interrogator at least 5 cm from the end-user’s body and keep his hands at least 2.5 cm away from the interrogator’s antenna. Approved for use with antenna supplied. End-users must be provided with specific operating instructions for satisfying RF exposure compliance.”

Specific procedures SP (2), SP (5), SP (9) and SP (10) are to be followed during administrative and technical reviews to show compliance exemption to RF exposure evaluation.

The following caution statement is included in the User’s Manual:

“CAUTION: To comply with FCC RF exposure compliance requirements, a separation distance of at least 5cm must be maintained between the antenna of this device and all persons.”

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