

## **Certification Exhibit**

**FCC ID: V2A-TR2  
IC: 7566A-TR2**

**FCC Rule Part: 15.247  
IC Radio Standards Specification: RSS-210**

**ACS Report Number: 08-0053 - 15C**

Manufacturer: Infinity Metering, Inc.  
Model: TR2  
Brand/Trade Name: Tesla ARM

## **Installation Guide**



# User Manual



## Tesla RF AMR System

**Introduction:**

Thank you for purchasing the Infinity Tesla AMR meter. This innovative meter includes an electronic register designed to give you the information you demand coupled with an easy to use AMR system that is integrated into the electronic register. With no wires to connect and no radio setup procedure, Infinity has taken the complexity out of AMR.

**Installation:**

The Tesla AMR meter comes to you pre-set at the factory ready to install in the field. Simply install in the service line with the directional arrow in-line with the flow of water. The meter should be oriented so the antenna is vertical.

**Operational Information:**

The Tesla AMR meter is designed to operate with Infinity's Mobile Tablet Collector. The meter will transmit reading, tamper, and data logging information to the Mobile Tablet Collector for billing and usage analysis purposes.

**Maintenance:*****Metering Element:***

A rebuild kit can be purchased through Infinity Metering or your distributor to allow you to replace the internal metering element to bring your meter up to like new performance. If the meter is still within its warranty period, please contact Infinity Metering or your distributor before attempting to repair the meter.

***Meter Register:***

There are no user maintainable components in the Infinity Tesla AMR meter register. Please contact the Infinity Metering or your distributor regarding maintenance issues.

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**FCC Information to the User:**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This Class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Cet appareillage numérique de la classe B répond à toutes les exigences de l'interférence canadienne causant des règlements d'équipement. L'opération est sujette aux deux conditions suivantes: (1) ce dispositif peut ne pas causer l'interférence nocive, et (2) ce dispositif doit accepter n'importe quelle interférence reçue, y compris l'interférence qui peut causer l'opération peu désirée.

***Warning: Changes or modifications to this device not expressly approved by Infinity Metering could void the user's authority to operate the equipment.***

**RF Exposure**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.