



Sensus USA  
114 Northpark Blvd, Suite 10  
Covington, LA 70433  
Tel +1.985.773.1236

May 15, 2024

City of Mercer Island – Public Works

To Whom It May Concern:

The Sensus M400G2900 Base Station has been designed and certified to comply with all applicable U.S. Federal Communications Commission's Standards under CFR Chapter 47 Parts 2, 15, 24, 101 of the FCC Rules.

The FCC has issued Grants showing compliance based on certified testing of this equipment under FCCID: SDBM400G2900. A copy of that grant is attached to this submission.

The Sensus M400G2900 Base Station also is certified and granted for operation in Canada under Industry Canada ID IC:2220A-M400G2900 based on the same certified testing by an accredited testing facility.

The M400G2900 Base Station has a label attached to it, as required by law, showing the FCC ID and the required text to comply to their standards. A copy of that label is attached to this submission.

The M400G2900 Base Station is tested, granted by the FCC, and authorized by the FCC to be compliant with all applicable FCC Regulations.

I appreciate your assistance in this matter, kindly let me know if further information is needed to assist you.

Sincerely,

A handwritten signature in blue ink, appearing to read "Robert J. Davis", is written over a light blue horizontal line.

Robert J. Davis  
Principal RF Engineer - | [Sensus](#) | [Xylem](#)  
O: +1.985.773.1246 | M: +1.662.617.3777 | F:985.773.1251  
[bob.davis@xylem.com](mailto:bob.davis@xylem.com)  
114 Northpark Blvd. | Suite 10 | Covington, LA. 70433

GRANT OF EQUIPMENT  
AUTHORIZATION  
Certification  
Issued Under the Authority of the  
Federal Communications Commission  
By:

TUV SUD America Inc.  
401 Edgewater Place Suite #500  
Wakefield, MA 01880

Date of Grant: 07/29/2016  
Application Dated: 07/29/2016

Sensus Metering Systems Inc.  
637 Davis Drive  
Morrisville, NC 27560

Attention: Ray Britt , Senior Director, Global System Test

**NOT TRANSFERABLE**

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

**FCC IDENTIFIER:** SDBM400G2900  
**Name of Grantee:** Sensus Metering Systems Inc.  
**Equipment Class:** PCS Licensed Transmitter  
**Notes:** Basestation

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
	24D	930.0 - 931.0	40.36	1.0 PM	5K90F1D
	24D	930.0 - 931.0	40.36	1.0 PM	11K8F1D
	24D	930.0 - 931.0	40.36	1.0 PM	8K75F1D
	24D	930.0 - 931.0	40.36	1.0 PM	17K5F1D
	24D	940.0 - 941.0	40.36	1.0 PM	5K90F1D
	24D	940.0 - 941.0	40.36	1.0 PM	11K8F1D
	24D	940.0 - 941.0	40.36	1.0 PM	8K75F1D
	24D	940.0 - 941.0	40.36	1.0 PM	17K5F1D
	101C	941.0 - 941.5	40.36	1.0 PM	5K90F1D
	101C	941.0 - 941.5	40.36	1.0 PM	11K8F1D
	101C	941.0 - 941.5	40.36	1.0 PM	8K75F1D
	101C	941.0 - 941.5	40.36	1.0 PM	17K5F1D
	101C	952.0 - 953.0	40.36	1.0 PM	5K90F1D
	101C	952.0 - 953.0	40.36	1.0 PM	11K8F1D
	101C	952.0 - 953.0	40.36	1.0 PM	8K75F1D
	101C	952.0 - 953.0	40.36	1.0 PM	17K5F1D
	101C	959.85 - 960.0	40.36	1.0 PM	5K90F1D
	101C	959.85 - 960.0	40.36	1.0 PM	11K8F1D
	101C	959.85 - 960.0	40.36	1.0 PM	8K75F1D
	101C	959.85 - 960.0	40.36	1.0 PM	17K5F1D

Power listed is conducted. Device is limited to fixed applications only and must be professionally installed. The transmitter must be installed to provide a separation distance of at least 300 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. Installers and end-users must be provided with transmitter operation conditions for satisfying RF exposure compliance.

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AUTHORIZATION  
Certification  
Issued Under the Authority of the  
Federal Communications Commission  
By:

TUV SUD America Inc.  
401 Edgewater Place Suite #500  
Wakefield, MA 01880

Date of Grant: 03/02/2021  
Application Dated: 03/02/2021

Sensus Metering Systems Inc.  
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Morrisville, NC 27560

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	101C	959.85 - 960.0	40.36	1.0 PM	17K5F1D

Power listed is conducted. Device is limited to fixed applications only and must be professionally installed. Installers and end-users must be provided with transmitter operation conditions for satisfying RF exposure compliance.

Class II Change to add higher gain antenna. The transmitter must be installed to provide a separation distance of at least 750 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.