

9409 E. 55th Place South
Tulsa, Ok 74145
May 12, 2021

TIMCO ENGINEERING, INC.
849 NW State Road 45
Newberry, FL 32669

SUBJECT: Request for Modular Approval for FCC ID: **OGE-QSM**
IC: 9952A-QSM

To Whom It May Concern:

We, the undersigned, hereby request Single modular transmitter approval for our QSM module being tested at Timco. The QSM is a complete RF transmission and reception module that is designed to be incorporated into another device as a self-contained module. It has demonstrated part 90 compliance with FCC rules according to Timco tests independent of any host. The unit also has internal power supplies and i/o buffers (RS485) on input and output.

The following additional exhibits are hereby submitted:

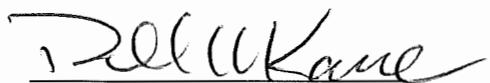
1. Cover letter requesting modular approval (this letter).
2. Instructions describing the conditions, limitations and procedures for third parties To use and integrate the module into a host device. These documents are:
QSM Instruction Manual 30Z0250A,
QSM Serial Communication, Multi-Channel Data Modem-OEM part number 10D36xx-L or -M.
3. The QSM has a proprietary boot loader that is used to download software updates through the main serial interface port. Third parties do not have access to this boot loader and so cannot change the QSM software.

15.212 Rules:

1. The QSM module is completely self-contained and completely shielded.
No other components or tuning capacitors are external to the module other than antenna.
2. The module has buffered serial data input/output.

3. The module has complete power supply regulation consisting of +6V, +2.5/3.3V.
4. The unit contains mmcx antenna connector. Specific Qual-Tron antennas are marketed for this Module consting of mostly ¼ wave whip and ½ wave end fed dipoles.
5. Compliance in stand alone configuration has been shown by Timco testing.
6. The module has an affixed FCC label documented.
7. The module complies with all applicable rules regarding the transmitter as verified by Timco.
8. The module complies with RF exposure requirements as determined by Timco.

Regards,



Robert Kane
CEO