

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WK2XQC

(Call Sign)

0999-EX-CN-2019

(File Number)

NAME Badger Meter, Inc

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(h) of the Commission's Rules

Station Locations

- (1) MOBILE: Brown Deer, WI, within 5 km, centered around NL 43-10-28; WL 87-58-02
- (2) MOBILE: Kansasville, WI, within 5 km, centered around NL 42-37-36; WL 88-09-21

Frequency Information

MOBILE: Brown Deer, WI, within 5 km, centered around NL 43-10-28; WL 87-58-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
433.05-434.79 MHz	MO	100KF1D	40 mW (ERP)	0.05 %
868.25-868.35 MHz	MO	100KF1D	40 mW (ERP)	0.05 %
868.9-869 MHz	MO	100KF1D	40 mW (ERP)	0.05 %

This authorization effective December 26, 2019 and
will expire 3:00 A.M. EST January 01, 2022

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Special Conditions:

- (1) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - SMR licensees (809-824 MHz/854-869 MHz)
 - B/ILT licensees (809-824 MHz/854-869 MHz)