





NVLAP ACCREDITED NARTE Certified Engineer Professional Engineer

ELITE Electronic Engineering

TCB Services 1516 Centre Circle Downers Grove, IL 60515-1082

Re:quote: EEE-Q19718TCB

Application for Certification of Advantage PressurePro, LLC Transmitter under 47CFR 15.231. FCC ID: **RMDAPS1** (note the last character is the numeral one).

Gentlemen:

On behalf of the applicant, Advantage Pressure Pro, LLC, please find attached the submittal materials for certification of the transmitter to the Electronic Tire Pressure Monitoring System, Model APS1. This product operates at a frequency of 433.92MHz.

Pursuant to 47CRF 0.459, it is requested that these listed exhibits be held confidential.

Circuit Block Diagrams page 2 of Exhibit B
Theory/Description of Operation,
Operation of Transmitter Timing page 4 of Exhibit B
Schematics page 5 of Exhibit B

Advantage PressurePro, LLC and Fleetwood Group Inc. have invested considerable resources into developing this product. Pursuant to 47CRF 0.459, Fleetwood Group and Advantage PressurePro requests that the Circuit Block Diagrams, Operational Description, and Schematics be held confidential. A formal letter addressing this request is reproduced in the file: APS1_Request.pdf.

The complete List of the Exhibits in this submittal package appears on Page 2 of this cover letter.

A letter of authorization, file 'APS1-APPAuth.pdf', is included to establish that Mr. Harry Derks of Fleetwood Group, Inc. has been authorized to be signatory on behalf of Advantage PressurePro, LLC.

The Federal Communications Commission will be notified, in writing, of any changes in the software/programming of the device that could affect the device's RF characteristics.

Your prompt consideration of this application for product certification will be greatly appreciated. Should you have any questions regarding the content of this report, kindly contact me.

Sincerely.

Ted Chaffee,

Technical Lab Manager

Narte Certified Engineer, #EMC-002025-NE

Ked Cheffee

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FCC ID: RMDAPS1

Table of Contents

Cover Letter / Table of Contents Total Pages 2

EXHIBIT A:

ID Label / Location [2.925,2.926,2.1033(b2,7),15.19(a3)]

Label Information EXA APS1-Label.pdf Total Pages 2

EXHIBIT B:

Description of Product [2.1033(b6)]; Operation [2.1033(b4)]; Block Diagram [2.1033(b5)];

EXB APS1-OperDesc.pdf Total Pages 3

EXB APS1-TimingOperation.pdf Total Pages 1

Schematic [2.1033(b5)]

Transmitter PCB schematic EXB APS1-Schem.pdf Total Pages 1

EXHIBIT C:

Product photos Total Pages 2

EXC_APS1-Photos.pdf

EXHIBIT D:

User's Manual EXD_APS1-Manual.pdf Total Pages 6

EXHIBIT E:

Setup photos [2.1033(b8)] Four photos Total Pages 5

EXE pretest.jpg, EXE side.jpg, EXE end.jpg, EXE flat.jpg

Report of Measurements [2.1033(b6)]

Total Pages 15

Table of Contents Page 2 Manufacturer/Applicant [2.1033(b1)] Page 4 Measurement/Test Facility & Equipment Page 4 Configuration/Setup [2.1033(b8)] Page 5 Test Standards / Methods Used [2.1033(b6)] Page 7

Test Methodology [2.1033(b6)] Page 7

Test Data [2.1033(b6)]

Summary of Results Page 6 Occupied Bandwidth Page 12

Radiated Field Strength [15.231(b)] Page 14

Misc. EXHIBIT:

RF Exposure Information [2.1093(c)] Total Pages 1