



Powering Business Worldwide

ELPRO Technologies  
9/12 Billabong Street  
Stafford QLD 4053  
Australia  
tel: +61 7 3352 8600  
fax: +61 7 3352 8677

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Federal Communications Commission  
Authorization and Evaluation Division  
1435 Oakland Mills Road  
Columbia, MD 21046

**Re: FCC ID: O9P-E2-455**

To Whom It May Concern

ELPRO Technologies herein submits an application for Certification of the subject transmitter. ELPRO Technologies acknowledges that it is a violation of the FCC rules if this device operates on unauthorized frequencies.

This transmitter is intended for use in a Fixed Radio environment with capabilities for clear and coded communications with a variable transmit power operating within the following frequency range:

421.0MHz – 480.0 MHz: 10mW to 10W (Nominal, 1dB Steps adjustable)

<i>Frequency Range</i>	<i>To</i>
421 MHz	454 MHz
456 MHz	462.5375 MHz
462.7375 MHz	467.5375 MHz
467.7375 MHz	480 MHz

**Statement of Compliance to Part 90.203(e) and (d)**

The transmitter complies with Section 90.203(e) and (g) of the Rules in that this transmitter is not capable of being programmed by station operators using the external controls to transmit on channels other than those programmed by the manufacturer, service or maintenance personnel.

**Certification of Spectrum Efficiency to Part 902.203(j)(5)**

We, ELPRO Technologies, certify that the transmitter meets the requirements of Section 90.203(j)(5) with the following supported data rates and channel bandwidths.

<i>Bandwidth</i>	<i>Supported Data Rate</i>	<i>Data rate per 6.25kHz Channel Bandwidth</i>
12.5 kHz	9600 bits per second	4800 bits per second per 6.25kHz of channel bandwidth
25 kHz	19200 bits per second	4800 bits per second per 6.25kHz of channel bandwidth

Yours sincerely,

Harry Courtice  
Engineering Manager  
ELPRO Technologies Pty. Ltd.

Industrial Wireless  
Eaton Controls and Protection Division