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**Date:** 23 December, 2021

**To:**

Federal Communications Commission  
7435 Oakland Mills Road  
Columbia, Maryland 21046  
USA

**RE: tekmar Control Systems Ltd. FCC ID: 2AHQR-11500A**

This is an application for a new certification request of tekmar Control Systems Ltd, FCC ID: **2AHQR-11500A**, Model: **1150-01**. The 1150-01 is a Class A industrial boiler controller containing two (2) FCC pre-certified modules:

FCC ID: 2AC7Z-ESP32WROOM32E (WiFi Only)  
FCC ID: QOQMGM12P0 (802.15.4 Only)

The 1150-01 utilizes the WiFi mode only and 802.14.4 mode only of the modules, respectively, and are capable of simultaneous transmission. There are no other transmitters/transceivers. Since simultaneous transmission conditions exist along with the modular transmitter co-location restrictions, certification is required in accordance with the 47 CFR §2.947(f), FCC KDB 996369 D02 and FCC KDB 996369 D04.

The modules were certified in accordance with 47 CFR §15.247 (DTS). The 1150-01 was evaluated for the simultaneous transmission condition and was found to comply with §15.247. The 1150-01 was also evaluated for unintentional radiation and was found to comply with the requirements of §15.207 and §15.209 for a Class A digital device.

As required by 47 CFR §2.1091, an RF Exposure (MPE) evaluation is required for this host device and the results of that evaluation accompany this application.

Should there be any questions or concerns with this filing, please feel free to contact me.

Sincerely,

**Art Voss, P.Eng., BS EE**  
**Technical Manager**



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