

January 5, 2022

Timco Engineering, Inc.
849 NW State Road 45
P.O. Box 370
Newberry, Florida 32669

Re: Request of Class II Permissible Change approval of FCC ID: IA9TD1109

To Whom It May Concern:

Cooper Industries (Electrical) Inc. is submitting for evaluation their 10 buttons handheld wireless remote TS1109 for Class II Permissible Change under FCC Part 15.247.

The changes are affecting the software only: a) the data rate is lowered from 10416 bps to 4800 bps, b) the OTA protocol changes from half-duplex to a simplex protocol.

The TS1109 is a portable device that acts as one-way wireless remote control for Cooper Industries' receivers R160 or R170. The receivers are used to control a machinery like a concrete pump, concrete mixer, vacuum truck, crane, etc.

This certification covers the 902.2-927.7MHz narrow band, frequency hopping radio.

As it is shown in test reports TS1109 is fully compliant with the requirements of FCC CFR Part 15.203, Part 15.247, Part 15.205(a), 15.209(a) & 15.247(d) and 15.33(a)(1) & (4).

From a RF Exposure point of view, the TS1109 meets the requirements for SAR test exclusion mentioned in KDB 447498.

Using an identical hardware (regarding the wireless charging circuit and the RF transmitter circuit) with TD1109, TS1109 meets the exemption specified in KDB 680106 to be excluded from RF exposure testing as proven in the test report for the charging cradle together with TD1109.

Sincerely,



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On behalf of: Cooper Industries (Electrical) Inc