



Oct. 07, 2003

TIMCO ENGINEERING INC.

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USA 32669

Subject: FCC Class II Permissive Change Authorization under FCC PART 15, Subpart C, Sec. 15.209 – Low Power Transmitters operating at the frequency 6.3 GHz.

Product: Radar Level Gauge (6.3 GHz) with Plastic Enclosure
Model No.: Sitrans LR 200 or Sitrans Probe LR
FCC ID: NJA-LR200

Dear Sir/Madam

As appointed agent for Siemens Milltronics Process Instruments Inc., we would like to submit the application for FCC certification of the above product. Please review all necessary files uploaded to TIMCO Upload Site.

Purpose of FCC Class II Permissive Change: To introduce a new version of the Model Sitrans LR 200 with an alternative plastic enclosure. Differences Plastic enclosure (New Version) vs. Metal enclosure (FCC Certified Version) are as below:

- The PCB layout of the RTM has been changed. Only small changes that can not be easily noticed.
- C46 placed initially after the 3dB pi attenuator (R82, R84, R85) moved in series with the input/output port and value changed from 5.1pF to 2.0pF
- The IF output is collected now from the common terminal of the mixing diode pair. The HF stub moved close to the common terminal. A decoupling capacitor (C7 – 2pF) has been placed at that point.
- Grounding stubs placed at different points.

If you have any queries, please do not hesitate to contact us.

Yours truly,

Tri Minh Luu, P. Eng.,
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Encl



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