

Subject: Series 800 Enhanced Core Processor v4.6 Firmware Release

Overview

This documents the release of new firmware for the Series 800. The version of this firmware is 4.6.

Products Affected

800 Enhanced Core Processors.

NAMUR NE 53 Rating

This release is rated at NAMUR NE 53 Level 2.

Symptoms

The following symptoms may appear with the 800 ECP v4.5 or earlier versions:

- With Petroleum Measurement feature enabled, a change to the density factor does not affect the average density and density at reference temperature
- When using the API “B” tables, if the temperature is above 120 °C and the line density falls in range 0.769–0.788 g/cc there could be approximately 0.1 g/cc error in the reference density
- Gas Standard Volume cannot be combined with 10-point Gas Linearization

Resolution

- All the above issues have been resolved with the release of version 4.6
- To update the firmware of a unit in the field that is experiencing any of these issues, please contact Micro Motion service in your area

Additional Features

This version of software adds the following:

- Added support for TA 300 and F/H 300+ meters
- Improved Meter Verification technology to further reduce false alarms

Contact Information

Product information is available on the internet at: www.emerson.com.

Customer Service Phone Numbers:

Micro Motion USA	1-800-522-6277
Micro Motion Europe	31 (0) 318 495 555
Micro Motion Asia	65 6777-8211
Micro Motion UK	44 0870 240 1978
Micro Motion Japan	81 3 5769-6803

At Micro Motion we strive to stay on the leading edge of Coriolis technology. Upgrading to our latest MVD technology can pay for itself in a very short time period by improving your process measurement, improving diagnostic coverage, and improving the bottom line results of your process.

Thank you for your continued support.

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