

# Baumann™ Valves Reduce Commissioning Costs Through Certified Factory Calibration (CFC)

## RESULTS

- Typical installation cost savings of \$200 per valve
- Increase start-up efficiency; 2-hour reduction per valve installation
- Higher calibration accuracy



## APPLICATION

Calibration of control valves in new installations

## CUSTOMER

Major multinational pharmaceutical companies

## CHALLENGE

Customers wanted the capability to install control valves, taken directly from the box, without having to “re-calibrate” while meeting applicable current Good Manufacturing Procedures (cGMP) as set forth in FDA CFR21 parts 210 and 211.

## SOLUTION

The Baumann™ Certified Factory Calibration (CFC) process, completed prior to shipment, replaces the need for field calibration of control valves.

Our customers have realized significant improvements in cost, time, resource and regulatory efficiencies through the Baumann CFC capabilities. The burden of calibration is transferred from the field technician to factory experts resulting in higher installed calibration accuracies and therefore improved performance in the field.

Each valve is supplied with Certified Calibration and signed Instrument Conformance Verification sheets enabling you to meet regulatory compliance. The documents establish a method for handling and storing of CFC valves prior to installation. Therefore, you can keep a record on file documenting evidence of the integrity of CFC valves through the start of their life cycles.

*Baumann valves supplied with Certified Factory Calibration (CFC) verification can save considerable installation costs, time and improve regulatory efficiencies.*



To illustrate the potential savings, using an industry average calibration cost of \$200 per instrument/valve, a 1,000 instrument installation can realize savings as high as \$200,000. In addition to the monetary savings, work time is reduced by 2,000 hours based on a typical industry calibration time of approximately two person-hours per control valve and/or instrument. These work hours can then be applied to other mission critical duties, compressing project time schedules, resulting in faster time to market for your products.

Emerson Process Management divisions with Certified Factory Calibration procedures for valves and/or instruments include Baumann, Fisher®, Micro Motion™ and Rosemount™.

Contact your local sales office for more information.

*To ensure CFC valves arrive undisturbed to your site, each Baumann control valve is individually boxed for shipping, wrapped with tamper-evident sealing tape, and labeled with the device tag & model number.*



Baumann Valve CFC Procedure

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