



Certificate

Project: **Bettis CBB525-SR80*ENP* Actuator Type Approval Testing as per DEP 31.40.70.30-GEN 2013 (Appendix A & B)**

Client: **Emerson Process Management**

Office: **Houston**

Client's Order Number: **LRE-14-8788**

Date: **16 December 2015**

Order Status: **Complete**

Inspection Dates

First: **09 August 2015**

Final: **02 December 2015**

This certificate is issued to **Emerson Process Management to certify that the undersigned did at their request attended their works located at 19200 Northwest Freeway, Houston, TX 77065 on the about mentioned dates for the purpose of witness testing and inspection of the equipment as per the scope detailed below.**

Equipment Subjected to Test: Bettis quarter turn valve actuator; Model: Bettis CBB525-SR80*ENP* with ENP Coating; Serial #: T215015-1

Reference Procedures:

- o **Shell**
 - Shell DEP 31.40.70.30-GEN 2013 (Appendix A & B)
- o **Emerson**
 - Emerson Test Procedure 201507 Rev. B and 201508 Rev. B.
 - Test Report Number T215015

Scope of Inspection:

- Witnessed type approval testing of the listed equipment per above referenced documents.
- Conducted visual inspection on all critical parts prior and after each test.
- Verified actuator/spring performance compliance with the requirement foreseen prior and post endurance test per above referenced documents.
- Verified test set-up for compliance with test procedure requirements.
- Verified calibration records of equipment and instruments used for testing.
- Confirmed traceability of the test assembly components presented by the BOM provided.

Conclusion:

The test setup and test results of the equipment described above are in accordance with the testing procedure, product specification and customer requirement. The equipment is found to be satisfactory meeting the requirements of the scope of the inspection detailed.

Note: TAT is also recalled in DEP 32.36.01.18-GEN 2014 therefore in compliance with requirement listed in section 2.2.5 paragraph 1.



Xiuping Mu, Ph.D, PE
Surveyor to Lloyd's Register North America
1330 Enclave Parkway Suite 200, Houston, TX 77077 USA.

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