



THE NATIONAL BOARD
OF BOILER AND PRESSURE VESSEL INSPECTORS

March 5, 2018

Mr. Tony Majka
ValvTechnologies, Incorporated
5904 Bingle Road
Houston, TX 77092

SUBJECT: Initial Certification, Valve Type: Z*-05*****_*****_*****
NB Cap Cert No.: VLC-M59059

Mr. Majka:

On February 23, 2018, tests were conducted at the **National Board Testing Laboratory** for the purpose of obtaining initial capacity certification of the subject valve type. These tests were conducted in accordance with the provisions of paragraph PG-69.2.2 of Section I of the ASME Code with steam as the test medium. The test results were reported as test numbers 46626S, 46629S, 46634S, and 46635S. Also enclosed is test number 46627S which was performed for National Board informational purposes.

This valve was tested for capacity only, and an average slope of 12.27 PPH/PSIA was determined. Each flowing pressure had a slope within the $\pm 5\%$ tolerance requirement. Since the valve provided for provisional testing had schedule 160 inlet piping with an ID smaller than the valve bore diameter, this certification is **only valid for schedule 160 inlet piping bore size**. The rated slope allowed for this valve type shall be no greater than **11.0 PPH/PSIA** valid for set pressure(s) of 15 to 5000 psig. Please **verify in writing** the slope which will be used on production valves.

ValvTechnologies, Incorporated is hereby granted capacity certification and authorization to apply the "NB" mark and ASME Certification mark with "V" designator to the valve type listed in the scope of certification. This authorization is valid only for the above location and only while the organization is fully implementing its quality control system as accepted by the National Board.

SCOPE OF CERTIFICATION

Valve Type: Z***-05*****_*****_***

Organization Type: Manufacturer

Certified Rating Value/Sizes/Pressure Ranges: Limited to schedule 160 inlet piping bore size.
Otherwise as listed in the NB-18

Certification Expiration Date: February 24, 2024

Sincerely,

Austin Peck
Senior Staff Engineer, Pressure Relief Dept.

File: <180305 VLC-M59059 Cap Cert Power Operated Valve Provisional and Initial Certification>