

To whom it may concern,

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Qualification of ATW ball valves for Novolen Discharge Pipe Service

In the Novolen Gas Phase Process the produced polymer is discharged from the reactors through vertical pipes. The amount of discharged product is controlled by fast operated ball valves. The ball valves need to open and close within very short time. Furthermore, the valves need to be able to handle more than a million cycles per annum. Novolen recommends to use valves from qualified vendors with the highest quality standards, only.

One of these qualified vendors is the company Suzhou ATW Valves Co. Ltd. located in Suzhou City, P.R. China. ATW valves have proven their performance and reliability in more than a year of operation at a Novolen licensee.

The factory and the quality standards and procedures were inspected by Lummus Novolen Technology and could fulfill the highest expectations. Also, the company ATW demonstrated continuous efforts to develop their products to higher performance, continuously.

Based on the made experience and the overall good performance in manufacturing said equipment as per the Novolen requirements we herewith confirm that Suzhou ATW Valves Co. Ltd. is fully qualified to manufacture the respective valves and deliver into the Chinese market.

Best regards,
Lummus Novolen Technology GmbH



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