

**SINGAPORE WEIGHTS AND MEASURES PROGRAMME**

**REGISTRATION CERTIFICATE OF APPROVED PATTERN**

Applicant : **Ms Irene Yong**  
**FMC Technologies Singapore Pte Ltd**  
**149 Gul Circle**  
**Singapore 629605**

Date of Registration : **10/05/2011**

Registration Number : **WMO/PA/276**

The following instrument's pattern is approved and registered with the Weights and Measures Office, SPRING Singapore:

Description of instrument	<b>Smith Ultra<sup>6</sup> is six paths liquid Ultrasonic Flowmeter with Signal Processing Unit model USI. Each of the six paths consists of two transducers with piezo-element for the transmission and reception of ultrasonic signals.</b>
Trade Name	<b>Smith</b>
Model & identification	<b>Ultra<sup>6</sup> 6" – Q<sub>max</sub> of 1,230 m<sup>3</sup>/h (Q<sub>max</sub>- Maximum Flowrate) Ultra<sup>6</sup> 8" – Q<sub>max</sub> of 1,570 m<sup>3</sup>/h Ultra<sup>6</sup> 10" – Q<sub>max</sub> of 3,015 m<sup>3</sup>/h Ultra<sup>6</sup> 12" – Q<sub>max</sub> of 3,790 m<sup>3</sup>/h Ultra<sup>6</sup> 16" – Q<sub>max</sub> of 4,880 m<sup>3</sup>/h  <b>Accuracy Class 0.3 &amp; 0.5 for measurement of 0.6mm<sup>2</sup>/s to 100mm<sup>2</sup>/s liquid petroleum products, crude oils and other fluids within this viscosity range</b></b>
Manufacturer	<b>FMC Technologies Measurement Solutions Inc. 1602 Wagner Ave. Erie, PA 16510, USA</b>
Pattern Test Certificate/Report Number	<b>PTB-1.5-4035663</b>
Pattern testing Laboratory	<b>PTB, Germany</b>
Pattern tested according to	<b>OIML R117-1 Edition 2007</b>



**LIM YONG SENG**  
for Controller, Weights and Measures

**Important Notice:**

All weighing and measuring instruments use for trade must be verified and stamped by SPRING Singapore's designated Authorised Verifier. Please visit [www.spring.gov.sg/wmo](http://www.spring.gov.sg/wmo) for more information.

**SPRING Singapore**

2 Bukit Merah Central Singapore 159835

Tel: +65 6898 1800 Fax: +65 6278 6667

Website: [www.spring.gov.sg](http://www.spring.gov.sg)