

## TYPE APPROVAL CERTIFICATE

Issued By	:	M/S SGS Gulf Limited P.O. Box 18556 Jebel Ali, Dubai, UAE
Applying Standard	:	<b>ISO 9809-1:2019</b>
Concerning	:	Refillable Seamless Steel Gas Cylinders With tensile strength less than 1100 Mpa
Drawing No.	:	<b>531E-103220</b>
Working Pressure	:	<b>305 Bar</b>
Test Pressure	:	<b>457.5 Bar</b>
Diameter (outside)	:	<b>406 mm</b>
Material & Heat Treatment	:	<b>34CrMo4, Quenched &amp; Tempered</b>
Wall Thickness	:	<b>15.0 mm (min)</b>
Bottom Thickness	:	<b>27.0 mm (min)</b>
Bottom Type	:	<b>Type A (Convex) &amp; Type B (Double Neck)</b>
Capacity	:	between <b>80.0 L to 220.0 L</b> (see drawing)
Length	:	between <b>935 mm to 2235 mm</b> (see drawing)- For Type A & between <b>975 mm to 2275 mm</b> (see drawing)- For Type B
Manufacturer	:	<b>M/s EKC International</b> <b>P.O. Box 61041</b> <b>Dubai, UAE</b>

We hereby certify that the type approval of the above mentioned commodity has been approved, tested in accordance with code applicable with reference to the above mentioned documents.



**For SGS Gulf Limited**

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Customer's instructions, if any. The Company's sole responsibility is to its Customer and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law

For the witness Tests, the Company's involvement has been limited to witnessing/observing of test done at the vendor's facility as per Client's instructions. The Company's sole responsibility was to be present at the time of the test and forward the results, or confirm the occurrence, of the intervention(s). The Company is not responsible for the condition or calibration of apparatus, instruments and measuring devices used, the analysis methods applied the qualifications, actions or omissions of the third party's personnel or the analysis results."