

Schedule

Shikra Engineering Pte Ltd
10F Enterprise Road
Singapore 629832

Certificate No. : LA-2018-0684-G
Issue No. : 6
Date : 21 August 2023
Expiry of Certificate : 27 March 2026
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Field of Testing : Mechanical Testing

MATERIALS / PRODUCTS TESTED	TESTS / PROPERTIES	STANDARD METHODS / TECHNIQUES / EQUIPMENT
(in-house & mobile)		
A SAFETY RELIEF VALVE	<ol style="list-style-type: none"> 1. Pre-Pop Pressure Test 2. Seat Tightness Test 3. Final Pop Pressure Test 	<p>API 576: 2017, Clause 6.2.9</p> <p>API 527: 2020, Section 2, 4 & 5</p> <p>API 576: 2017, Clause 6.2.9.8</p>
B PRESSURE VACUUM VENT VALVES	<ol style="list-style-type: none"> 1. Pre-Pop Pressure Test 2. Seat Tightness Test 3 Final-Pop Pressure 	<p>API 576: 2017, Clause 6.6</p> <p>API 2000: 2020, Clause 5.4</p> <p>API 576: 2017, Clause 6.2.9.8</p>
C INDUSTRIAL VALVES (MANUAL) Gate, Globe, Plug, Check, Butterfly, Air, Diaphragm Valves Floating & Trunnion Mounted Ball Valves (Gearbox & Actuator Operated)	<ol style="list-style-type: none"> 1. Shell Test 2. High-Pressure Closure Test 3. Low-Pressure Closure Test 4. Backseat Test 	<p>API 598: 2023, Section 6.3</p> <p>API 6D: 2021 Section 9.3</p> <p>API 598: 2023, Section 6.4</p> <p>API 6D: 2021 Section 9.4 & 9.5</p> <p>API 598: 2023, Section 6.4</p> <p>API 6D: 2021 Section H.3</p> <p>API 598: 2023, Section 6.2</p> <p>API 6D: 2021 Section 9.2</p> <p>ASME B16.34-2020 Section 7.1 & 7.2</p>

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D CONTROL VALVES	<ol style="list-style-type: none">1. Shell Test2. Seat Leakage Test3. Rated Valve Travel Test	IEC 60534-4: 2022 Section 5.4 API 598: 2023, Section 6.3 IEC 60534-4: 2022 Section 5.5 API 598: 2023, Section 6.4 IEC 60534-4: 2022 Section 5.7 ANSI/FCI 70-2-2021, Section 4.1 to 5.4;

Approved Signatories

S/N	Name	Scope
1	Mr Pavani Neela Lohit	- For all accredited items.

Note:

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025. A laboratory's fulfilment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and **management system requirements** that are necessary for it to consistently deliver technically valid test results. The **management system requirements** in ISO/IEC 17025 (Section 4) are written in language relevant to laboratory operations and meet the principles of ISO 9001 **Quality Management Systems — Requirements** and are aligned with its pertinent requirements.