Inspection Certificate no: PRJ11100428456	LRQ/\
pection Certificate no: PRJ11100428456 Page 1 of 1	LRQ/\
LRQA	LRQ/\
Type Testing of Industrial Valves for Fugitive Emissions	LRQA
Date: 15 May 2024	
This Certificate is issued to Velan Inc., 7007 Cote De Liesse, Montreal, QC H4T 1G2 to certify that the undersigned inspector did, at their request, attend or and between the aforementioned dates, their Plant 1 at 300 McArthur Street, Montreal QC H4T 1X8 Canada for witnessing Fugitive Emissions tests carried out on 4" #2500 Pressure Seal Gate Valve as per ISO 15848-1:2015 +A1:2017	
Test Valve Figure Number: B12-4054P-02TS Manufacturer: Velan Inc. 7007 Cote De Liesse, Montreal, QC, H4T 1G2 Canada Description: Pressure Seal Gate Valve with welded end connections	LRQ/\
Size and class: NPS 4/Class 2500 Stem diameter: 1.125 inches Stem movement: rising, non-rotating stem Stem packing: Packing composed with 2 braided graphite end rings (VEL-PS-117) and 4 ribbon graphite middle rings (VEL-PS-116)	LRQ/A
Gasket Type: Pressure seal graphite gasket Test Duration: 19 March 2024 to 01 May 2024	LRQA
The product satisfies the following requirements. 1. ISO 15848-1:2015 + A1:2017 ISO FE AH-CO3-SSA1-t400-Class 2500-ISO15848-1(2015)+A1(2017)	LRQA
<ol> <li>Stem diameter qualified range is 0.56 inches to 2.25 inches</li> <li>TA-Luft: Leakage rate Leakage Test l ≤ 10<sup>-2</sup> mbar</li> </ol>	LRQ/\
Sealing characteristics as per ASME B16.20 Continuous functionality under operating conditions (500 mechanical full stroke cycles with two thermal cycles) For scope of inspection carried out against abovementioned requirements, LRQA Canada Limited visit report Numbers PRJ11100428456/1, /2 and	LRQA
refer. This certificate is based on the test program of ISO 15848-1:2015+A1:2017 and TA Luft VDI2240 Section 2.3, Paragraph 2.3.1 and 2.3.1.3, Table 6 Ann on "test method" which covers qualification testing of flange seals with respect to their leak rate and continuous functionality and verification of sealing characteristics and controlled production quality.	<sup>ex</sup> LRQA
LRQA Canada Limited Name: V Govande for James DiCesar	LRQ/\
Date:     12 June 2024     Signature:       Ref No.:     PRJ11100428456     Howander       Office:     Halifax NS Canada     A member of the LRQA Group Limited	LRQ/\
James DiCesar Surveyor to LRQA Canada Limited	LRQ/\
A subsidiary of LRQA Group Limited	LRQ/A
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provided, unless that person has signed a contract with the relevant LRQA entity for the provision of this information or advice and in that case any responsibility or liab exclusively on the terms and conditions set out in that contract. Form 1124 (2021.12)	LRQA