

## FORM FOR CERTIFICATE – CLASS A SAFETY VALVE Part NO 38SV

This safety valve marked;

- **Maker's Name:** R. Conrader
- **Model Name:** SRV250
- **Serial Number:** SRV250

is of a design which has been the subject of tests with compressed air in accordance with ASME Boiler & Pressure Vessel Code, Section VIII, Division 1 and complying with Australian Standard AS 1271 for Class A safety valves, resulting in a rated slope of 0.737 SCFM/psia (.050 L/S per kPa) for that fluid. When fitted with spring no: 4383 with a spring rate of 43.99 lbf/in (7.70 N/mm) and a free length of .930 in (23.62 mm), it has lift of at least 0.14 in (3.56 mm) and a minimum discharge area of .218 in<sup>2</sup> (141.00 mm<sup>2</sup>) and consequently a rated discharge capacity at a set pressure of 160 psig (1100 kPa) and an over pressure of 10% or 3 psi (20 kPa), whichever is greater, of 141 SCFM (66.54 L/S) of compressed air at 20°C. National Board Capacity Certificate No: RCC-M13510 certifies the rated slope. Values converted to SI units are not confirmed by empirical results.

The set pressure of this valve may be adjusted within the limits of 0 psi (0 kPa) and any such adjustment will invalidate the rated slope stated above.

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