

FORM FOR CERTIFICATE – CLASS A SAFETY VALVE Part NO 14SV

This safety valve marked;

- **Maker's Name:** R. Conrader
- **Model Name:** SRV187
- **Serial Number:** SRV187

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 0.41 SCFM/psia (.028 L/S per kPa) for that fluid. When fitted with spring no: 4378 with a spring rate of 28.68 lbf/in (5.02 N/mm) and a free length of .920 in (23.37 mm), it has lift of at least 0.08 in (2.03 mm) and a minimum discharge area of .150 in² (96.77 mm²) 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 78 SCFM (36.81 L/S) of compressed air at 20°C. National Board Capacity Certificate No: RCC-M13509 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.

Nicholas R. Petrus
Engineering Manager



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NSW:

115 Beaconsfield St
Silverwater NSW 2128
PH : (02) 9648 3099
FAX : (02) 9648 3362

QLD:

2/339 Archerfield Road
Richlands QLD 4077
PH : 07 3279 1213

VIC:

PH : 1300 667 579
FAX : (02) 9648 3362

**SA:(Statewide
Agencies P/L)**

PH : 1300 667 579
FAX: (08) 8264 5852

**WA: (Air & Power
P/L)**

7-9 Fisher St
Belmont WA 6904
PH : (08) 9479 4220
FAX : (08) 9277 4040