



Client Ref. : --

Page 1 of 3

Report No. : 252499PC250775(1)

## **REPORT ON TESTING OF AIR RELEASE VALVE**

### **Information Supplied by Client**

Client : Hoi Luen Hardware Company Limited  
 Client Address : Shop A, G/F, King Centre, 23 Dundas Street, Mong Kok, Kowloon  
 Project : Testing of Air Release Valve  
 Sample Description : Ductile Iron Automatic Air Release Valve (AIR Vent) - Threaded Connection  
 Brand : JAMES  
 Body Marking :  **JAMES**  
 Model No. : DAV  
 Country of Origin : China  
 Manufacturer : Hoi Luen Hardware Company Limited

### **Laboratory Information**

Lab. Sample I.D. : PC250775/4-6  
 Date Received : 14 July 2025  
 Date Test Started : 21 July 2025  
 Date Test Completed : 28 July 2025  
 Test Method : BS EN 12266-1 : 2012

### **Test Results**

#### **1. Pressure Test**

(BS EN 12266-1 : 2012)

Lab Sample I.D.	Nominal Size (Inch)	Shell Test				
		Nominal Pressure PN (bar)	Test Pressure (bar)	Duration (sec)	Observation	Results
PC250775/4	20mm (3/4")	16	24	15	No visually detectable leakage	Pass
PC250775/5	25mm (1")	16	24	15	No visually detectable leakage	Pass
PC250775/6	50mm (2")	16	24	15	No visually detectable leakage	Pass
BS EN 12266-1 : 2012 Annex A.3 Requirement		16	16x1.5 =24	Up to DN50 (min.15 sec)	Visually detectable leakage is not permitted	

Client Ref. : --

Page 2 of 3

Report No. : 252499PC250775(1)

Lab Sample I.D.	Nominal Size (DN)	Seat Test					
		Nominal Pressure PN (bar)	Test Pressure (bar)	Duration (sec.)	Observation	Rate	Results
PC250775/4	20mm (3/4")	16	17.6	15	No visually detectable leakage	A	Pass
PC250775/5	25mm (1")	16	17.6	15	No visually detectable leakage	A	Pass
PC250775/6	50mm (2")	16	17.6	15	No visually detectable leakage	A	Pass
BS EN 12266-1 : 2012 Annex A.4 and table A.5 Requirement		16	16x1.1 = 17.6	Upto and including DN50 (15sec.)	No visually detectable leakage for the duration of the test	A	

Remark : The report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

Checked by :  Date : 19 AUG 2025 Certified by :  Date : 19 AUG 2025

Ng Shu Shing Chris

Assistant Manager (Plumbing Components)

The copyright of this report is owned by Fugro Technical Services Limited. This report shall not be reproduced except in full.

T +852 2450 8233 | F +852 2450 6138 | E matlab@fugro.com | W fugro.com

GEN01/0819

Client Ref. : --  
Report No. : 252499PC250775(1)

Page 3 of 3



Test Sample (3/4")



Test Sample (3/4")



Body Marking (3/4")



Test Sample (1")



Test Sample (1")



Body Marking (1")



Test Sample (2")



Test Sample (2")



Body Marking (2")

**\*\*End of Report\*\***