

Certificate No.:	QC240101-01	Date of Inspection:	01-01-2024
Customer Name:	Egyptian Maintenance Company(EMC) IRAQ	Due Date of Inspection:	31-12-2024
Instrument under Calibration:	Sandblasting Unit	Job No	QC/JN/23/001
Serial No. :	K4573		
Type :	6.5 CU-FT	Manufacturer:	SCHMIDT
Inspection Method:	Based on <b>Swedish Standard, SA 2.5</b> ; The reported uncertainty is the expanded uncertainty with k=2 according to the <b>ISO/IEC "Guide to the expansion of uncertainty in measurement"</b> providing a level of confidence of approximately 95%		

Equipment used for Inspection: Digital Pressure Gauge

Serial No.	Manufacturer	Model	Traceability	Due Date
468802	AMETEK	XP2i	LT-221215-09	14, Dec, 2024

Environmental Conditions during calibration:

42.2 % RH	Calibration Temperatures Mean: 23.5°C
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### **INSPECTION TEST REPORT**

Tasks details	Test Result	
	YES	NO
Fully maintained and serviced	✓	
Capable of 8 bar (125psi) discharge pressure	✓	
All accessories including air hoses tested	✓	
High volume output, > 8, m3/min. (> 300 cfm) per nozzle based on nozzle size requirements plus 50% wear allowance plus 0,8 m3/min. (30 cfm) of quality breathing air per operator.	✓	
High temperature safety cut out	✓	
Oil and particulate filter separator	✓	
Large bore hose (minimum 4 times nozzle orifice)	✓	
Check & maintain remote control valve system	✓	
Check & maintain abrasive metering valve and fittings	✓	
Cover and screen fitted	✓	
Check for gasket and component wear, and air	✓	
Leaks & Lockpins and/or whip checks installed	✓	

Pneumatic or electric operation	✓	
Optional abrasive cut off control	✓	
Check for air pressure and liner/thread wear or damage	✓	
Sized to suit air and work piece requirements	✓	
Long venturi (and other designs) with durable wear liner	✓	
<b>Breathing Air Source</b>		
Checked and maintained on a regular basis	✓	
Located in a clean air atmosphere, upwind and away from the blast area and engine exhaust fumes	✓	
Approved air compressor or dedicated breathing air compressor or air pump or bottled breathing air or other approved supply	✓	
Filters and regulates the breathing air supply	✓	
Air temperature within 15°C – 25°C range for operator comfort	✓	
Free of harmful substances (health or environmental)	✓	
Inspected and maintained for wear and tear to the cape, collar, head gear and visor as per requirements	✓	
Safety Glass/Helmet Condition	✓	

Inspected by

**MAHDI HALEEM**

**INSPECTION / CALIBRATION ENGINEER**

