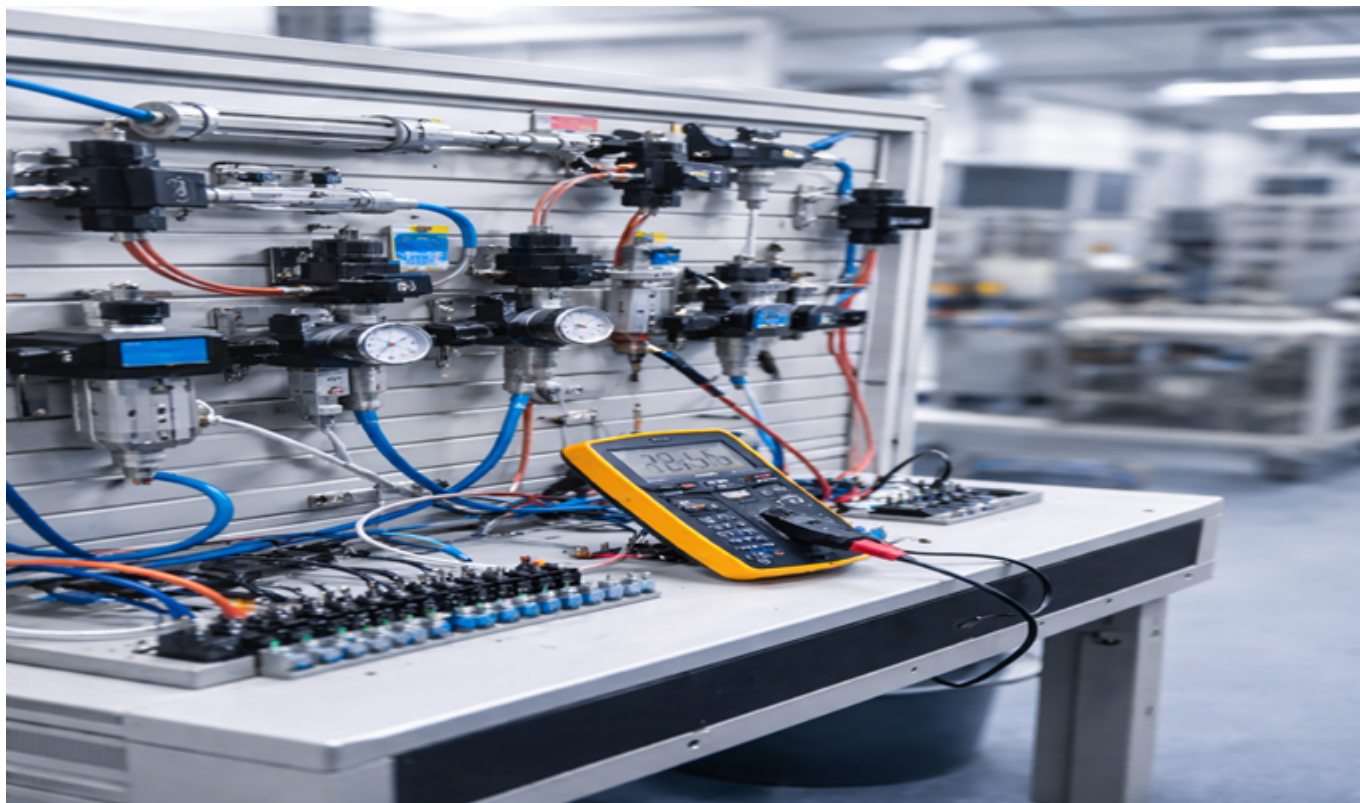


Micro Credential



Basic Electro Pneumatics Technician

MCr Code: ELE/MCr-0006

Version: 1.0

NSQF Level: 4.5

Electronics Sector Skills Council of India || 155, 2nd Floor, ESC House Okhla Industrial Area-Phase 3
New Delhi- 110020 || email:ceo@essc-india.org



Micro Credential

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ELE/MCr-0006

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Micro Credential

ELE/MCr-0006 : Basic Electro Pneumatics Technician

Description

The Basic Electro-Pneumatics Technician is responsible for working with electro-pneumatic systems, including the application of basic electrical theory, operating electro-pneumatic components, designing and reading schematics, and following safety protocols. The role emphasizes troubleshooting, ensuring system efficiency, and maintaining safety standards.

Micro Credential Module Details and Duration

Training Delivery Mode		Theory (Hours)	Practical (Hours)	Total (Hours)
Blended	Classroom Offline	0000:00	0018:00	18:00
	Online	0012:00	0000:00	12:00
	Total	12:00	18:00	30:00

Micro Credential

Assessment Criteria

Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Passing Percentage
40	60	-	-	100	70

Micro Credential

Micro Credential (MCR) Parameters

MCR Code	ELE/MCR-0006
MCR Name	Basic Electro Pneumatics Technician
Sector	Electronics
NSQF Level	4.5
Credits	1
Version	1.0
Minimum Job Entry Age	16
Minimum Educational Qualification & Experience	Completed 3 year diploma after 10th (Electronics/ Electrical/Mechanical Engineering) with 6 Months of experience In Electronics Manufacturing Services Domain OR 12th grade Pass (12th in science or equivalent in science) with 1.5 years of experience In Electronics Manufacturing Services Domain OR 10th grade pass (10th or equivalent) with 4.5 years of experience In Electronics Manufacturing Services Domain OR Previous relevant Qualification of NSQF Level (4) with 1.5 years of experience In Electronics Manufacturing Services Domain
Pre-Requisite License or Training	NA
Last Reviewed Date	08/07/2026
Next Review Date	08/07/2029
NSQF Clearance Date	08/07/2026
Reference code on NQR	NM-4.5-EH-05290-2026-V1-ESSCI
NQR Version	1