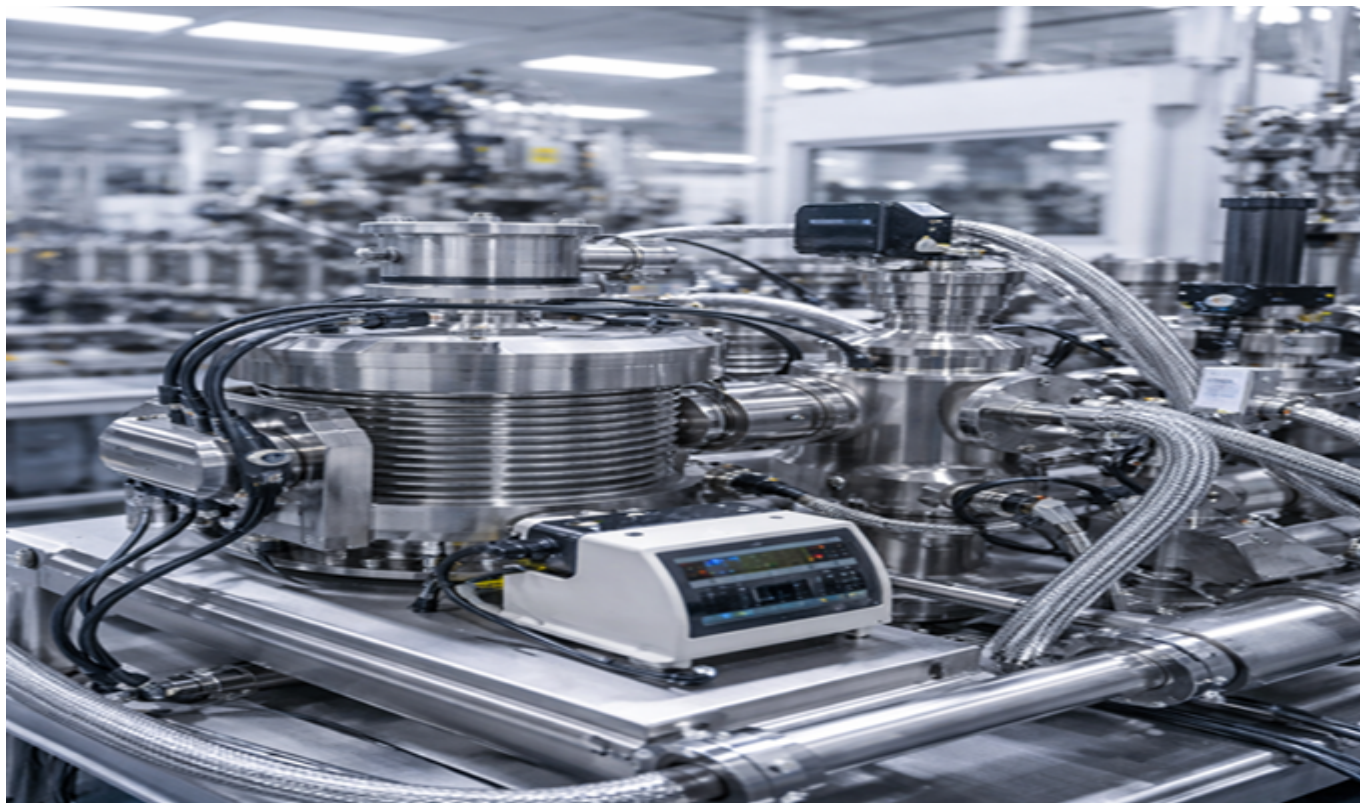


Micro Credential



Integrate Vacuum Systems for Semiconductor Manufacturing Equipment

MCr Code: ELE/MCr-0008

Version: 1.0

NSQF Level: 4.5

Electronics Sector Skills Council of India || 155, 2nd Floor, ESC House Okhla Industrial Area-Phase 3
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Micro Credential

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ELE/MCr-0008

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Micro Credential

ELE/MCr-0008 : Integrate Vacuum Systems for Semiconductor Manufacturing Equipment

Description

In the Integrate Vacuum Systems for Semiconductor Manufacturing Equipment course, learners gain foundational skills and knowledge to work effectively with vacuum systems used in semiconductor manufacturing. The course focuses on understanding vacuum principles, integrating vacuum systems with manufacturing equipment, monitoring system performance, carrying out maintenance activities, and following safety protocols to ensure reliable and efficient production operations.

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-0008
MCR Name	Integrate Vacuum Systems for Semiconductor Manufacturing Equipment
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 and Communication Engineering/ Electrical Engineering) with 6 Months of experience In Semiconductor Domain OR 12th grade Pass (12th in science or equivalent in science) with 1.5 years of experience In Semiconductor Domain OR 10th Class (10th or equivalent) with 4.5 years of experience In Semiconductor Domain OR Previous relevant Qualification of NSQF Level (4) with 1.5 years of experience In Semiconductor 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-05313-2026-V1-ESSCI
NQR Version	1