

Coating, Curing and Marking Operator

Aliases: Coating Inspector

Industry/Sector(s): Electronics and HW

JOB DESCRIPTION ¹

The tasks a Coating, Curing and Marking Operator is expected to perform include:

- Spraying zinc or aluminium oxide coating on the capacitor
- Coating the resistor with acrylic or silicon material
- Checking the components visually for even spread of coat/spray and any defects
- Curing the component in furnace or oven for stabilizing
- Marking or printing specifications on the outer finished surface of the component

WORK ENVIRONMENT ^{1, 2}

- It requires physical activity
- Need not handle a team
- Local travelling may be a part of this job profile
- Part-time work and contractual jobs are available
- Work from home option is not available

Working hours

- Organizations usually work for 5/6 days a week for 8/9 hours everyday. This may vary from organization to organization
- Shift system may be available
- Overtime may be required

Is the job suitable for a candidate with special needs?

This may vary from organization to organization

EDUCATIONAL QUALIFICATIONS AND TRAINING ¹

- Preferably, 10th/12th

- Certified training for Coating, Curing and Marking Operator (programme aligned to ELE/Q0110 released by Electronics Sector Skills Council)

KEY COMPETENCIES ¹

- Familiarity with different types of coating processes, materials, their properties and implications
- Proficiency in basic programming, setting up and loading of the machines
- Familiarity with types, properties and handling of various raw materials used for the process
- Proficiency in using hand tools and machines for component preparation
- Knowledge of different types of resistors and capacitors, their properties and application
- Proficiency in testing various parameters of capacitors, resistors and variance
- Knowledge of FIFO system of inventory control
- Skilled in maintaining various tools and equipment used during component preparation
- Computer literacy and ability to maintain logs, read job sheets, production schedules and operations manuals

DESIRABLE COMPETENCIES ¹

- Planning and organizing skills
- Team player
- Attention to detail

AVAILABLE SKILL TRAINING AND LEARNING INSTITUTES

For further guidance, contact your nearest Common Service Centre or Contact NCS Call Centre (Toll Free Number: 1800-425-1514)

AVAILABLE SKILL TRAINING SCHEMES/SCHOLARSHIPS

For scholarship and schemes, use further links like:

•<https://scholarships.gov.in/>

SAMPLE OF TRAINING AND LEARNING COURSES

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CAREER PROGRESSION PATH ⁴

Coating, Curing and Marking Operator → Senior Coating, Curing and Marking Operator → Quality Controller → Supervisor
The progression is indicative

EXPECTED EARNINGS ³

•For new entrants - Rs 11,000 to Rs 12,000 per month

These figures are indicative and subject to change

REQUIRED WORK EXPERIENCE ¹

Some organizations hire new entrants too

PROBABLE EMPLOYERS ³

Passive component manufacturing organizations

KEYWORDS

Coating Operator

OCCUPATIONAL CODES AND STANDARDS

Standard	Code	Description
NCO 2015	8212.1804	Coating, Curing and Marking Operator
ISCO 2008	8212	Electrical and Electronic Equipment Assemblers
NIC 2008	26101	Manufacture of electronic capacitors, resistors, chokes, coils, transformers (electronic) and similar components
QP Reference	ELE/Q0110	Coating, Curing and Marking Operator
NSQF	Level 4	Not available

REFERENCES

1	http://www.nsdcindia.org/sites/default/files/files/Coating,-Curing-%26-Marking-Operator.pdf
2	http://www.ccdisabilities.nic.in/page.php?s=reg&t=def&p=list_jobsNew
3	http://www.indeed.co.in/cmp/Ahker-Engineering-Company/jobs/Recruitment-Machine-Operator-9a93fa77378c7fa9?q=Machine+Operators
4	http://dget.nic.in/upload/uploadfiles/files/publication/Des-Div-8.pdf