

Operator, Impregnation Plant (Telephone Equipment Manufacturing)

Aliases: Plant Operator

Industry/Sector(s): Telecom

JOB DESCRIPTION ¹

The tasks an Operator, Impregnation Plant (Telephone Equipment Manufacturing) is expected to perform include:

- Operating the impregnation plant to dip assembled coils and armatures in tank containing molten insulating material like wax or varnish
- Ensuring that all the materials are dried in baking plant (electric drying chamber)
- Feeding the solid wax or varnish into the heating tank of plant
- Switching on electric heaters and observing the thermometer readings of heat and melting insulating materials completely
- Dipping the coils or other materials to be insulated into tank either manually or with hoisting equipment
- Keeping all the materials in the solution for a prescribed period
- Shutting the lid of tank before operating the vacuum pump of the machine
- Ensuring that all parts of the dipped articles are completely covered with insulating materials
- Removing the dipped articles and hanging them so as to drip the excess insulation
- Placing the articles in electrical baking plant and drying them at fixed temperature for set period of time
- Cleaning the plant and maintaining account of all the articles handled

WORK ENVIRONMENT ^{1, 2, 4}

- It is not a desk job
- Need not handle a team
- Local travelling is not a part of this job role
- 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 and 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 job is suitable for candidates with One Leg (OL), Both Legs (BL) and those who have their Hearing Impaired (HH)

This may vary from organization to organization

EDUCATIONAL QUALIFICATIONS AND TRAINING ⁴

Preferably, B.Sc/M.Sc

KEY COMPETENCIES ¹

- Skilled in operating the impregnation plant
- Skilled in handling the assembled coils and armatures
- Proficient in handling the baking plant (electric drying chamber)
- Knowledge of the temperature at which the articles need to be placed in the electrical baking plant

DESIRABLE COMPETENCIES ¹

- Hardworking
- Safety-oriented
- Ability to handle pressure

AVAILABLE SKILL TRAINING AND LEARNING INSTITUTES

•St. Stephen's College
<http://ststephens.edu/>

•St. Xavier's College
<http://xaviers.edu/main/>

•University of Delhi
<http://www.du.ac.in/du/>

AVAILABLE SKILL TRAINING SCHEMES/SCHOLARSHIPS

For scholarship and schemes, use further links like:

•<https://scholarships.gov.in/>

SAMPLE OF TRAINING AND LEARNING COURSES

http://www.du.ac.in/du/uploads/old-ug-courses/04082010_electronics.pdf

CAREER PROGRESSION PATH ⁵

Operator, Impregnation Plant(Telephone Equipment Manufacturing) → Supervisor, Impregnation Plant → In-Charge, Impregnation Plant

The progression is indicative

EXPECTED EARNINGS ³

•For new entrants – Rs 10,000 to Rs 15,000 per month

•For candidates with experience - Rs 15,000 to Rs 25,000 per month

These figures are indicative and subject to change

REQUIRED WORK EXPERIENCE ⁴

Generally, 5 – 7 years of experience in relevant field

PROBABLE EMPLOYERS ⁴

Electrical equipment manufacturing units

KEYWORDS

Impregnation Plant Operator

OCCUPATIONAL CODES AND STANDARDS

Standard	Code	Description
NCO 2015	7419.0600	Operator, Impregnation Plant (Telephone Equipment Manufacturing)
ISCO 2008	7412; 7421	Electrical Mechanics and Fitters; Electronics Mechanics and Servicers
NIC 2008	26302	Manufacture of telephone and facsimile equipment, including telephone answering machines, PBX
QP Reference	Not available	Not available
NSQF	Not available	Not available

REFERENCES

1	National Classification of Occupations Division 7
2	http://www.ccdisabilities.nic.in/page.php?s=reg&t=def&p=list_jobsNew
3	http://www.payscale.com/research/IN/People_with_Jobs_as_Plant_Operators%2FManagers%2FSupervisors/Salary
4	http://www.wisdomjobs.com/job-listings-plant-operator-pithampur-pithampur-5-to-7-years-4042307?utm_source=Indeed&utm_medium=organic&utm_campaign=Indeed
5	http://dget.nic.in/upload/uploadfiles/files/publication/Des-Div-7.pdf