

Electrotyper

Aliases: Electrotpe Caster

Industry/Sector(s): Printing

JOB DESCRIPTION ¹

The tasks an Electrotyper is expected to perform include:

- Performing all or several tasks in making printing plates from set-up type by electro-plating process, using hand tools, electro-plating equipment and metal casting, trimming and forming machines
- Placing set up type on bed of hydraulic press
- Laying wax-coated sheet of metal or sheet of plastic or lead on type and pressing it to make mould
- Removing mould from press and trimming its edges
- Spraying or coating mould with electro- conductive substances and placing in electrolytic bath until a shell of desired thickness is formed on the mould
- Examining mould with magnifier to detect imperfect formation of halftone dots, lines, etc.and rectifying them
- Shaving , trimming and smoothing bend plates using hand tools and machines
- Printing proof from plate and making new plate , if required

WORK ENVIRONMENT

- It needs one to be on their toes
- Need not handle a team
- Travelling is not a part of this job
- Part-time work and contractual jobs are available in some cities
- Work from home option is not available

Working hours

- Working hours are 10/12 hours everyday for 5/6 days a week. This may vary from company to company
- Shift system maybe available

Is the job suitable for a candidate with special needs?

This job is suitable for candidates with One Leg (OL), Both Leg (BL) and those who have their Hearing Impaired (HH)

EDUCATIONAL QUALIFICATIONS AND TRAINING

Any graduate

KEY COMPETENCIES ¹

- Knowledge of removing mould from press and trimming its edges
- Proficient in spraying or coating mould with electro-conductive substances and placing it in electrolytic bath until shell of desired thickness has formed on mould
- Adept at removing shell from mould by rinsing it in hot water and filling back of shell with molten lead to form plate, using pouring lead or casting machine
- Well-versed in examining plate with magnifier to detect imperfect formation of halftone dots, lines and types and rectifying them using engraver's hand tools
- Proficient in shaving, trimming, smoothening and bending plate using hand tools and machines as required, in readiness for printing

DESIRABLE COMPETENCIES ¹

Knowledge of printing proof from plate and making new plate

AVAILABLE SKILL TRAINING AND LEARNING INSTITUTES

Universities and colleges across India

AVAILABLE SKILL TRAINING SCHEMES/SCHOLARSHIPS

<http://nscsindia.org/AboutUs.aspx>

SAMPLE OF TRAINING AND LEARNING COURSES

http://www.gjust.ac.in/department/prt/prt_bt_prt_sch.pdf

CAREER PROGRESSION PATH

Helper → **Electrotypewriter** → Supervisor

Transfer option

•India: Yes

•Abroad: Rarely

(*This field to open the relevant job title when clicked)

EXPECTED EARNINGS

For candidates with experience - ₹ 10,000 to ₹ 20,000 per month

(These figures are indicative and subject to change)

REQUIRED WORK EXPERIENCE

2-7 years of experience required

PROBABLE EMPLOYERS

•Printing press across India

•Printing solution providers across India

PEOPLE'S CORNER

Coming Soon

KEYWORDS

•Electrotype Caster

•Electrotype Moulder

OCCUPATIONAL CODES AND STANDARDS

Standard	Code	Description
NCO 2015	7321.0700	Electrotyper
ISCO 2008	7321	Pre - press Technicians
NIC 2008	18119	Other printing activities like screen printing other than textile n.e.c.
QP Reference	NA	NA
NSQF	NA	NA

REFERENCES

1	National Classification of Occupations Division 7
2	http://socialjustice.nic.in/policiesacts3.php
3	http://www.printfair.in/industry.htm