

Acid Concentrator

Aliases: Chemical Concentrator

Industry/Sector(s): Chemical and Petrochemicals

JOB DESCRIPTION ¹

The tasks an Acid Concentrator is expected to perform include:

- Maintaining and operating the equipment to concentrate or purify liquid chemicals
- Charging the retort with liquid to be processed
- Adjusting temperature control valves to heat and vaporize liquid
- Skimming waste material from surface of the liquid in retort
- Feeding the vaporized liquid through condensers to condense it
- Testing specific gravity of liquid in retort, if concentrating chemical
- Observing gauges, recording readings and making any needed operating changes
- Inspecting and making minor repairs to piping, pumps, blowers and condensers
- Installing clean burners in furnace

WORK ENVIRONMENT

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

Working hours

- Chemical & petrochemical companies usually work for 6 days a week and 8/10 hours everyday. This may vary from company to company
- Shift system maybe available

Is the job suitable for a candidate with special needs?

Maybe

EDUCATIONAL QUALIFICATIONS AND TRAINING ²

Minimum – 10th pass

KEY COMPETENCIES ¹

- Competent in operating and maintaining the chemical purifying equipment
- Proficiency in operating temperature control valves
- Well-versed with operating retort equipment
- Knowledge of operating the chemical equipment
- Proficiency in making minor repairs where needed
- Competent in testing specific gravity of liquids and chemicals

DESIRABLE COMPETENCIES

Coming soon

AVAILABLE SKILL TRAINING AND LEARNING INSTITUTES ³

- All schools across India
- Central University of Rajasthan
- Advanced Training Institute Mumbai

AVAILABLE SKILL TRAINING SCHEMES/SCHOLARSHIPS

- http://msme.gov.in/Outcome_Budget-2007-08-SSI.pdf
- <http://www.dcmsme.gov.in/sido/ktdgi01x.htm>
- <http://msme.gov.in/ssi-ar-eng-2006-07.pdf>

SAMPLE OF TRAINING AND LEARNING COURSES

Coming soon

CAREER PROGRESSION PATH ⁴

Coming soon

Transfer option

- India: Yes
- Abroad: No

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

EXPECTED EARNINGS⁵

- For freshers - ₹ 250 to ₹ 350 per day
 - For candidates with 2-4 years of experience or more - ₹ 350 to ₹ 450 per day
- (These figures are indicative and subject to change)

REQUIRED WORK EXPERIENCE

Coming soon

PROBABLE EMPLOYERS⁷

- Chemical and acid purifying companies in India
- Chemical plants across India

PEOPLE'S CORNER

Coming Soon

KEYWORDS

- Chemical Concentrator
- Acid Purifier

OCCUPATIONAL CODES AND STANDARDS

Standard	Code	Description
NCO 2015	8131.8000	Acid Concentrator
ISCO 2008	8131	Chemical Products Plant and Machine Operators
NIC 2008	20112 ; 20123 ; 20119	Manufacture of inorganic acids except nitric acid ; Manufacture of associated nitrogen products (nitric and sulphonic acids, ammonia, ammonium chloride, ammonium carbonate, nitrites and nitrates of potassium) ; Manufacture of organic and inorganic chemical compounds n.e.c.
QP Reference	NA	NA
NSQF	NA	NA

REFERENCES

1	http://dget.nic.in/upload/uploadfiles/files/publication/Des-Div-8.pdf
2	Skill Development Initiative Scheme (SDIS) based on Modular Employable Skills Report
3	/ http://www.curaj.ac.in/Default.aspx?PageId=25 http://atimumbai.gov.in
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