

**GOVERNMENT OF INDIA
BHABHA ATOMIC RESEARCH CENTRE
Personnel Division**

ADVERTISEMENT NO. 01/2013(R-I)

“ GOVERNMENT STRIVES TO HAVE A WORKFORCE WHICH REFLECTS GENDER BALANCE AND WOMEN CANDIDATES ARE ENCOURAGED TO APPLY”

APPLICATIONS ARE INVITED FOR STIPENDIARY TRAINEES CATEGORY –II FOR TRAINING IN BARC, MUMBAI AND ITS VARIOUS UNITS ALL OVER INDIA

Total No. of posts : 279

Post No.	Trade	No. of Vacancies including backlog vacancies					Educational/Technical Qualification
		SC	ST	OBC	UR	Total	
1	Plant Operator	03	09	42	15	69	HSC (10+2) in Science stream with a minimum 60% marks in aggregate and should have Physics, Chemistry and Maths subjects.
2	Laboratory	04	05	26	06	41	HSC in Science stream with a minimum 60% marks in aggregate and should have Physics, Chemistry, Maths and Biology subjects OR HSC (Physics, Chemistry & Maths subjects)/SSC with a minimum 60 % marks in aggregate <u>PLUS</u> trade certificate in Laboratory. The ITI/NCVT qualification should be either of the following: 1) ITI/NCVT of 2 years duration or 2) ITI of one-year duration plus one year relevant experience after completion of the course.
3	Library Science	00	01	02	01	04	HSC in Science stream with a minimum 60% marks in aggregate and should have Physics, Chemistry & Maths subjects (Certificate course in Library Science and experience in Library will be preferred at the discretion of this Research Centre). OR As indicated in Post No.4 to 15 in respect of Library trade certificate holder.
4	Chemical Plant Operator	00	01	04	02	07	HSC (Physics, Chemistry & Maths subjects)/SSC with a minimum 60 % marks in aggregate <u>PLUS</u> trade certificate in Chemical Plant Operator / Fitter / Mill Wright / Machinist/ Welder / Turner / A/C Mechanic / Instrumentation / Electrical/ Electronics/ Draughtsman (Mechanical)/ Lathe CNC operator The ITI/NCVT qualification should be either of the following: - 1) ITI/NCVT of 2 years duration OR 2) ITI of one-year duration plus one year relevant experience after completion of the course.
5	Fitter	02	01	11	03	17	
6	Mill Wright	00	00	02	01	03	
7	Machinist	01	02	08	02	13	
8	Welder	00	01	06	02	09	
9	Turner	00	00	03	01	04	
10	A/C Mechanic	01	03	15	05	24	
11	Instrumentation	00	01	05	01	07	
12	Electrical	04	07	38	12	61	
13	Electronics	02	01	05	01	09	
14	Draughtsman (Mechanical)	00	01	07	02	10	
15	Lathe CNC Operator	00	00	01	00	01	
	Total	17	33	175	54	279	

- i) Post No. 1, 4, 5, 6, 7, 8, 9, 10, 11,12,13 and 15 are **NOT** identified suitable for persons with disability.
Persons with disability in the category of Hearing impaired (Partially deaf) can apply for **Post No.2**.
Persons with disability in the category of one leg affected (OL), one arm affected (OA), Hearing impaired (Partially deaf) can apply for **Post No.3**.
Persons with disability in the category of one leg affected (OL), Hearing impaired (Partially deaf) can apply for **Post No.14**
[Note: Physical deformity should not be less than 40 percentage. “Hearing Impairment” means loss of 60 decibels or more in the better ear in the conversational range of frequencies.]

ii) **Total Duration of Training Period** : Two years

iii) **Stipend During Training** : ₹ 6200/- per month for the 1st year and ₹ 7200/- for the 2nd year.

iv) **Application will be accepted On-Line ONLY.** Facility for On-line application will be available from **17/08/2013** to **10/09/2013**.

v) Persons working under the Central / State Government, Public Sector Undertakings, Autonomous bodies should submit **“NO OBJECTION CERTIFICATE”** at the time of interview.

vi) For General conditions and online submission of application please visit the website **www.barcrecruit.gov.in**

GENERAL CONDITIONS :

1. AGE LIMIT: 18 years Minimum and 22 Years Maximum as on **10/09/2013**

Upper age limit prescribed above is relaxable as under :

- upto a maximum of five years for Scheduled Caste & Scheduled Tribe candidates.
- upto a maximum of three years for OBC candidates.
- upto Ten years for Physically Disabled UR candidates (applicable for Post No.2,3 & 14), fifteen years for Physically Disabled SC candidates (applicable only for Post No.2), fifteen years for Physically Disabled ST candidates (applicable only for Post No. 2, 3 & 14) and thirteen years for Physically Disabled OBC candidates (applicable for Post No. 2,3 & 14)

2. RELAXATION IN UPPER AGE LIMIT : Relaxation in the upper age limit of 5 years shall be admissible to all persons who had ordinarily been domiciled in Kashmir division of the State of Jammu & Kashmir during the period from the 1st day of January, 1980 to 31st day of December, 1989 provided that the relaxation in the upper age limit for appearing at any examination shall be subject to the maximum number of chances permissible under the relevant rules.

Certificate regarding proof of residence – any person intending to avail of relaxation of age limit admissible under rule 2 shall submit a certificate from:

- The Dist. Magistrate in the Kashmir division within those jurisdiction he had ordinarily resided; or
- Any other authority designated in this behalf by the Government of Jammu & Kashmir to the effect that he had ordinarily been domiciled in the Kashmir division of the State of Jammu & Kashmir during the period from the 1st day of January, 1980 to 31st day of December, 1989.

Relaxation in the upper age limit of 5 years shall be admissible to children/family members of those who died in the 1984 riots.

NOTE: ONLY DATE OF BIRTH INDICATED IN SCHOOL LEAVING CERTIFICATE OR EQUIVALENT CERTIFICATE WILL BE ACCEPTED. NO SUBSEQUENT REQUEST FOR CHANGE SHALL BE GRANTED.

3. PHYSICAL STANDARDS : Minimum Height : 160 cms. Minimum weight : 45.5 Kg (Relaxable if the candidate is otherwise medically fit)

4. WRITTEN EXAMINATION/SELECTION : Written Examination of one-hour duration will be conducted and will comprise of objective (multiple) type questions. The syllabus for the said examination will be based on subjects at SSC/HSC/ITI level as the case may be. Those candidates qualifying in the written Examination shall be short-listed for interview.

*Final selection and ranking will be on the basis of performance of the candidate in interview and no **weightage** will be given for marks scored in the written examination. The decision of this Research Centre in this regard is final.*

5. SCOPE OF TRAINING : Selected candidates will be given training at Tarapur / Mumbai & other places as decided by BARC in various aspects of relevant trades, as per prescribed syllabi of each trade and for meeting stringent requirements of BARC. The candidates will not have any choice/option for any particular training programme/training place.

6. GRADE AFTER SUCCESSFUL COMPLETION OF TRAINING: Upon successful completion of training, trainees will be considered for absorption in the following grade at the time of appointment depending on their performance during the period of training and interview to be held at the end of the training.

Trainees	Post	Corresponding Pay Bands	Corresponding Grade Pay	Corresponding Pay in Pay Bands	Total Emoluments (approx)
Category-II	TECHNICIAN/C	₹ 5200-20200	₹ 2400	₹ 7510	₹ 23691
	TECHNICIAN/B	₹ 5200-20200	₹ 2000	₹ 6460	₹ 19206

*Total emoluments is applicable for class 'X' city. (Allowances are as admissible under Central Government Rules.)

7. BOND : Selected candidates will have to execute a bond to complete the training and serve BARC or any of the constituent Units of DAE, if offered appointment after the training, for a period of 3 years after absorption. A trainee who fails to complete the training or serve the Government for 3 years if offered appointment, will be liable to pay to the Government a sum equivalent to aggregate amount of stipend received by him during the period of training along with interest thereon.

8. **NOTE :**

- i. This Research Centre reserves the right to restrict the number of candidates to be called for interview in the ratio of 1 : 5, based on higher percentage of marks in the screening test. The decision of the Research Centre will be final and binding.
- ii. The vacancies shown above are provisional and subject to variation.
- iii. The nature of duties to be performed by the above categories involves working in round the clock shift duties, in operational plants and areas.
- iv. Period of experience as prescribed in the advertisement will be determined with reference to the last date of receipt of applications (as applicable).
- v. SC/ST outstation candidates called for written examination/interview will be paid to and for travelling allowance of second-class Railway fare by the shortest route (*subject to production of tickets*) as per rules. However, Traveling Allowance is not admissible to those SC/ST candidates who are already in Central/State Government services, Central/State Government Corporation, Public Undertakings, Local Government Institutions and Panchayats and the concession availed from Railways, if any, for undertaking journey for attending written examination/interview.
- vi. Candidates may ensure that they fill in the correct information. Candidates who furnish false information will be disqualified for written exam/interview.
- vii. Posting of the selected candidates would be at the discretion of the Competent Authority as per the availability of vacancies. They are liable to serve in any part of India, in any constituent unit of the Department of Atomic Energy.
- viii. If candidate wishes to apply for more than one post, separate application should be submitted online for each post.

NOTE: Candidates are required to produce printout of online application along with the copies of certificates mentioned at (ix) at the time of written exam/ interview.

- ix. **COPIES OF CERTIFICATES:** At the time of written examination/interview, candidates should submit along with their application an attested SINGLE COPY of the certificates in support of :
 - a) Educational qualifications and technical qualifications (supported by appropriate mark sheets indicating the subjects offered at the examinations).
 - b) Date of birth/Proof of age.
 - c) SC and ST certificate should be issued by authorised authority in the prescribed format and the caste/community should have been included in the Presidential orders in relation to the concerned state. (*as per the format given at Annexure-1*).
 - d) OBC certificate should be issued by authorised authority in the prescribed format with non-creamy layer certificate and the caste/community should have been included in the Central lists of Other Backward Caste. The crucial date for determining the OBC non-creamy layer certificate will be the closing date of online application (10/09/2013). The OBC candidates should also enclose self declaration of non-creamy layer status in the *format as given in Annexure-2*. OBC for the purpose of AGE RELAXATION AND RESERVATION shall mean “persons of OBC categories not belonging to the Creamy Layer” as defined in Government of India, Department of Personnel & Training OM No.36012/22/93-Estt.(SCT) dated 08.09.93 and modified vide Government of India, Department of Personnel & Training OM No.36033/3/2004-Estt.(Res) dated 09.03.2004. (*as per the format given at Annexure-3*)
 - e) Disability Certificate from the appropriate authority regarding physical disability [*as per the format given at Annexure-4 (applicable to persons with disability)*]
 - f) Proof of the effect that they have been affected by 1984 riots.
 - g) Certificate regarding domiciled in Kashmir Division from 01.01.1980 to 31.12.1989 (if claiming age relaxation for Kashmir division).

9. IMPORTANT REQUIREMENT FOR PHYSICAL DISABILITY CERTIFICATE

- i) According to the persons with disabilities (Equal Opportunities, Protection of Rights and Full Participation) Rules, 1996 notified on 31/12/1996 by the Central Government in exercise of the powers conferred by sub-section (1) and (2) of Section 73 of the Persons with Disabilities (Equal Opportunities, Protection of Rights and Full Participation) Act, 1995 (1 of 1996)], a disability certificate shall be issued by a Medical Board duly constituted by the Central or a State Government. The Central/State Government may constitute a Medical Board consisting of at least three members, out of which, at least, one member shall be a Specialist from the relevant field.
- ii) The certificate would be valid for a period of 5 years for those whose disability is temporary. The Medical Board shall indicate the period of validity of the certificate where there are chances of variation in the degree of disability. For those who acquired permanent disability, the validity can be shown as permanent. On representation by the applicant, the Medical Board may review its decision having regard to all the facts and circumstances of the case and pass such orders in the matter as it thinks fit.
- iii) Those SC/ST/OBC persons with disabilities selected on their own merit without relaxed standards along with other candidates, will be considered against unreserved vacancies provided the post is identified for persons with disability of relevant category (as applicable).

10. NATURE OF DUTIES

Post No.	Trade	Nature of duties
1	Plant Operator	Erection/ Commissioning/ Testing/ Operation/ Data logging/Trouble shooting/ Maintenance of Chemical process equipment/Machinery/ computer aided operating systems. Closing/Stopping of equipment like pumping, compressors etc. To work in round-the-clock shift.
2	Laboratory	Cleaning of Laboratory wares and maintaining the labs, preparation of reagent mixtures, buffer solutions, measurement of pH, EC, Alkalinity in water samples. To work in round-the-clock shift.
3	Library Science	To assist in acquisition and technical processing of books, periodicals, circulation activities, binding, indexing and abstracting. Handling various databases and electronic resources, answering reference queries, filing of books and bound periodicals. To work in round-the-clock shift.
4	Chemical Plant Operator	Erection/ Commissioning/ Testing/ Operation/ Data logging/Trouble shooting/ Maintenance of Chemical process equipment/Machinery/ computer aided operating systems. Closing/Stopping of equipment like pumping, compressors etc. To work in round-the-clock shift.
5	Fitter	Installation/Testing/Maintenance of Plant, Pressure Vessels, storage tanks, Heat exchangers and other components/ Fabrication/ Sheet Metal Work/Assembly & Pipe Fit up. Use of fabrication related machineries. Reading of Engineering drawings. To work in round-the-clock shift.
6	Mill Wright	Installation/Assembly/Disassembly/Maintenance/ Repair of various types of machinery and equipment like centrifugal and reciprocating pumps, Air handling units including compressors/blowers as well as various EOT cranes and variety of valves engineering test facilities.
7	Machinist	Operation of Different types of conventional and CNC lathe, boring machines, Milling, Turning Centre, Grinding and special purpose machines, Reading of Engineering Drawings, Inspection of machined components. To work in round-the-clock shift.
8	Welder	Different types of Gas and Electric Welding as per IS/BIS/AWS specifications, Advance Welding processes, Brazing, Soldering etc. Reading of Engineering Drawing, understanding welding symbols and codes. Preparation of welding set-up and uses of Jigs and Fixtures. Finishing and Inspection of weld components. To work in round-the-clock shift.
9	Turner	Operation of different types of conventional and CNC lathes including Tool grinding and operation of different Non-conventional machines. Reading of Engineering Drawings/ Inspection of machined components/ Carrying out machining of flanges, pipe sections etc and Assisting in assembling of components. To work in round-the-clock shift.
10	A/C Mechanic	Installation and Maintenance of A/C, ventilation systems, Air Handling Unit(AHU), Fan coil / Chiller/ Machine panel's AC unit/ Refrigeration machines/ Pipeline/ Control system and associated systems. To work in round-the-clock shift.
11	Instrumentation	Assist/ Inspection/Testing/Calibration/Maintenance of instruments associated with process controls; execution of process control instrument panels by use of P&I diagrams; work in the field of computerized controls under guidance/instructions from Supervisors/Engineers. Preventive and breakdown maintenance of pneumatic and electronic instruments for pressure, flow and level instruments. To work in round-the-clock shift.
12	Electrical	Exection/Inspection/Testing/Commissioning/Operation/Maintenance/Trouble shooting/Rectifications of electrical circuits/systems/machinery like HT/LT panels, rectifiers, power transformers, motors, light fittings, fans, geysers, street light fixtures, cables, electrical/telephone wirings under supervision of Supervisor/Engineer. To work in round-the-clock shift.
13	Electronics	Assembly/Testing/Inspection/Calibration/ Maintenance of Electronic components/circuits associated with other systems like controls and instrumentation/ linear amplifiers/ log amplifiers/ controllers and operational amplifiers under guidance from Supervisors/Engineers. To work in round-the-clock shift.
14	Draughtsman (Mechanical)	Carry out all normal drawings office functions; preparation of mechanical drawings; operation of drawing office equipment like large format copier/ plotter/scanner; proficiency in Auto CAD/ Drafting software.
15	Lathe CNC Operator	Operation of conventional and CNC Lathe (Turning Machine)

WARNING : Applications which are not in conformity with the requirements will be rejected. Mere fulfilling of requirements as laid down in the advertisement does not qualify a candidate for written exam/interview. No correspondence will be entertained with candidates not selected for written exam/ interview/appointment.

RECORD OF THE NON-SELECTED CANDIDATES SHALL NOT BE PRESERVED BEYOND 6 MONTHS FROM THE DATE OF FORMATION OF SELECT LIST.

CANVASSING IN ANY FORM SHALL BE A DISQUALIFICATION

CHECK LIST FOR THE CANDIDATES
(TO BE ATTACHED TO THE APPLICATION AND SUBMITTED AT THE TIME OF WRITTEN EXAMINATION/INTERVIEW)

Put X in the boxes applicable

Printout of the application.	:	<input type="checkbox"/>
An attested copy of each of the following certificate / mark sheet is attached	:	<input type="checkbox"/>
a. Date of Birth / Proof of age	:	<input type="checkbox"/>
b. Caste Certificate (SC/ST/OBC)	:	<input type="checkbox"/>
c. Physical Disability certificate	:	<input type="checkbox"/>
d. Educational & professional qualifications (Mark list/ Board/Degree /Diploma Certificates)	:	<input type="checkbox"/>
e. Experience Certificate (If any)	:	<input type="checkbox"/>
f. Check list attached	:	<input type="checkbox"/>

Signature of the candidate