

GOVERNMENT OF INDIA
BHABHA ATOMIC RESEARCH CENTRE
Personnel Division

ADVERTISEMENT NO. 4/2010(R-I)
LAST DATE FOR RECEIPT OF APPLICATIONS : 18/08/2010

BARC INVITES APPLICATION FOR STIPENDIARY TRAINEES (CATEGORY II) FOR TRAINING IN BARC, MUMBAI AND TARAPUR.

Category – II - Total No. of posts : 212

Post No.	Trade	No. of Vacancies						Whether identified for PH		Educational/Technical Qualification	
		SC	ST	OBC	UR	PH		Total	HH (PD)		OH (OL/OA)
						HH	OH				
2.1	Plant Operator	3	6	38	10	-	-	57	No	No	HSC (10+2) in Science stream with a minimum 60% marks in aggregate and should have Physics, Chemistry and Maths subjects.
2.2	Laboratory	1	1	4	-	9	-	15	Yes	No	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
2.3	Library Science	1	1	1	-	-	3	06	Yes	Yes	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 2.4 to 2.14 in respect of Library trade certificate holder.

Post No.	Trade	No. of Vacancies						Whether identified for PH		Educational/Technical Qualification	
		SC	ST	OBC	UR	PH		Total	HH (PD)		OH (OL/OA)
						HH	OH				
2.4	Chemical Plant Operator	-	1	3	3	-	-	07	No	No	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/Mechanic Machine Tool Maintenance / Welder / Turner / A/C Mechanic / Instrumentation / Electrical/Electronics/Draughtsman (Mechanical). 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
2.5	Fitter	2	3	19	4	-	-	28	No	No	
2.6	Mill Wright	-	1	2	2	-	-	05	No	No	
2.7	Machinist	1	1	3	1	-	-	06	No	No	
2.8	Machine Tool Maintenance	-	-	-	1	-	-	01	No	No	
2.9	Welder	1	1	11	2	-	-	15	No	No	
2.10	Turner	-	1	5	2	-	-	08	No	No	
2.11	A/C Mechanic	-	-	2	1	-	-	03	No	No	
2.12	Instrumentation	-	1	4	1	-	-	06	No	No	
2.13	Electrical	2	2	22	5	-	-	31	No	No	
2.14	Electronics	-	1	10	2	-	-	13	No	No	
2.15	Draughtsman (Mechanical)	-	1	5	2	1	2	11	Yes	Yes (OL)	
Total		11	21	129	36	10	5	212			

“Hearing Impairment” means loss of 60 decibels or more in the better ear in the conversational range of frequencies. Physical deformity should not be less than 40 percentage.

Legend : PH – Physically handicapped, OH-Orthopaedically Handicapped, HH-Hearing Handicapped, OL – One Leg affected, OA – One arm affected, PD –Partially deaf.

NOTE:

For Category II

Those candidates who have passed B.Sc./Diploma in Engg./AMIE/Degree in Engg./equivalent or appearing for B.Sc./Diploma in Engg./AMIE/Degree in Engg./equivalent (final year) will not be considered, and hence need not apply.

AGE LIMIT : 18 years Minimum and 22 Years Maximum for Category II (as on 01/11/2010).

The upper age prescribed above is relaxable as under:

1. Upto a maximum of five years if a candidate belongs to SC/ST category and three years for OBC category.
2. Upto a maximum of ten years for General candidates, thirteen years for OBC candidates and fifteen years for SC/ST candidates with disabilities (hearing impaired-Partially deaf) and Orthopedically handicapped (One Leg or one arm affected) subject to posts being reserved for such category of disabilities.

3. 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 THIS RELAXATION OF AGE LIMIT ADMISSIBLE UNDER RULE 3 SHALL SUBMIT A CERTIFICATE FROM:

(A) THE DIST. MAGISTRATE IN THE KASHMIR DIVISION WITHIN THOSE JURISDICTION HE HAD ORDINARILY RESIDED; OR

(B) 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 THE 31ST DAY OF DECEMBER, 1989.

4. RELAXATION IN THE UPPER AGE LIMIT OF 05 YEARS SHALL BE ADMISSIBLE TO CHILDREN/FAMILY MEMBERS OF THOSE WHO DIED IN THE 1984 RIOTS.

Physical Standards : Minimum Height : 160 cms. Minimum weight : 45.5 Kgs
(Relaxable if the candidate is otherwise medically fit.)

Total Duration of Training Period : Two years.

Stipend During Training : Rs. 6200/- p.m for 1st year and Rs.7200/- p.m for 2nd year.

Written Examination/Selection : Option to answer either in English or Hindi will be given at written test and interview. Candidates should come prepared to stay in Mumbai for 2 to 3 days for the Written Test/Interview. Written Examination of one-hour duration will be conducted and will comprise of objective type (multiple choice) 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 on the following day.

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.

Scope of Training : Selected candidates will be given training at Mumbai/Tarapur & 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.

Grade After Successful Completion of Training :

Upon successful completion of training, the trainees will be considered for absorption in one of the following grades depending on their performance during the period of training and interview to be held at the end of the training. Based on the performance during training additional increments may be given on appointment.

Trainees	Post	Corresponding Pay Bands	Corresponding Grade Pay	Corresponding Pay in Pay Bands	Total Emoluments (approx)
Category-II	TRADESMAN/C	Rs. 5200-20200	Rs.2400	Rs.7510	Rs.9910
	TRADESMAN/B	Rs. 5200-20200	Rs.2000	Rs.6460	Rs.8460

Plus allowances as admissible under Central Government Rules.

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 4 years after absorption. A trainee who fails to complete the training or serve the Government for 4 years if offered appointment will be liable to pay to the Government a sum equivalent to entire aggregate amount of stipend received by him during the period of training along with interest thereon.

HOW TO APPLY:

1. Application should be submitted in the proforma given overleaf.
2. Application should preferably be typed/hand written on thick foolscap paper (Size 34 cms x 22 cms).
3. The Application and the outer cover should be superscribed as “Application for the post of Category II indicating Post No. _____ and Trade/Name of the Post _____ against Advertisement No. **4/2010-R-I**.
4. Only one application should be submitted for one post. If candidate wishes to apply for more than one post [(e.g. post No. 2.1 (Plant Operator), 2.2 (Laboratory) and 2.3 (Library Science)], separate application should be submitted for each post. Those candidates who have submitted two separate applications for one post is liable to be rejected.
5. Persons working under the Central/State Govt./ Public Sector Undertaking should submit their applications through proper channel. They may, however, send one **advance copy** of to the application along with enclosures as detailed above to the address given below.
6. Completed applications should be sent to the Deputy Establishment Officer (R-I), Bhabha Atomic Research Centre, Trombay, Mumbai-400 085 **so as to reach not later than 18.08.2010.**
7. **PHOTOGRAPH** : A recent passport size photograph should be affixed on the right hand top corner of the application. One additional copy of the passport size photograph should also be sent along with the application.
8. **ENVELOPE** : A self addressed unstamped envelope (in English and Hindi) (size 110 x 200 mm.) should be attached to the application.
9. **COPIES OF CERTIFICATES** : Candidates should submit along with their application attested **SINGLE COPY** of certificates of :
 - a) Educational qualifications/experience and technical qualifications (supported by appropriate mark sheets indicating the subjects offered at the examinations).
 - b) Date of birth/Proof of age.
 - c) SC/ST/OBC certificates in the prescribed proforma applicable to Central Government employment. OBC for the purpose of AGE RELAXATION AND RESERVATION will 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 14.10.2004 & other subsequent amendments.
 - d) Disability Certificate from the appropriate authority regarding physical disability (applicable to persons with disability).
 - e) Proof of the effect that they have been affected by 1984 riots.
 - f) Certificate regarding domiciled in Kashmir Division from 01.01.1980 to 31.12.1989 (if claiming age relaxation for Kashmir Division).

IMPORTANT REQUIREMENT OF PH 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.

NOTE :

- i. In case the response is high, this Research Centre reserves the right to restrict the number of candidates to be called for written examination, to higher percentage of marks in the requisite qualification and/or to conduct a screening test of the eligible candidates. The decision of the Research Centre will be final and binding.
- ii. The vacancies shown above are provisional and subject to variation. The filling up of vacancies indicated in the advertisement is also subject to the approval of Competent Authority and may not be filled up if decided otherwise in terms of the orders issued from Government from time to time.
- iii. The nature of duties to be performed by the above categories involve 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.
- v. SC/ST candidates called for in interview which will be held in Mumbai will be paid Travelling Allowance as per rules. However, Travelling 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.
- vi. The candidates selected against this advertisement may please note that posting will be at the discretion of the Competent Authority and subject to the availability of vacancy and are likely to be posted at BARC, Mumbai, Tarapur, Kalpakkam, Gauribidanur, Pune, Vizag, Gulmarg/Srinagar, etc. but are liable to serve in any part of India and in any constituent units of the Department of Atomic Energy.
- vii. Nature of duties to be performed for above posts may please be seen at Annexure 'A'.
- viii. This advertisement is available on BARC Website at www.barc.gov.in

WARNING : Applications which are not in conformity with the requirements indicated and which are not in the prescribed form or are not accompanied by the attested copies of certificates, photograph, self-addressed unstamped envelope of the prescribed size (in Hindi and English) will be rejected. Mere fulfilling of requirements as laid down in the advertisement does not qualify a candidate for written test/an interview. No correspondence will be entertained with candidates not selected for an interview/appointment.

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

CANVASSING IN ANY FORM SHALL BE A DISQUALIFICATION

NATURE OF DUTIES OF THE ABOVE MENTIONED POSTS

Post No.	Trade	Nature of duties
2.1	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.
2.2	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.
2.3	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.
2.4	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.
2.5	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.
2.6	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.
2.7	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.
2.8	Machine Tool Maintenance	Breakdown and Preventive maintenance work of various types of cranes, forklifts, chain blocks, other equipments and machine tools. Annual Inspection, leveling and correction of geometrical features of machines. Electric arc and Gas welding of various engineering materials with radiography qualify welds and welding of dissimilar materials. Gas and plasma cutting, brazing and soldering operations required for shop fabrication. To work in round-the-clock shift.
2.9	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.
2.10	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.

Post No	Trade	Nature of duties
2.11	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.
2.12	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.
2.13	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.
2.14	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.
2.15	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 AutoCAD/ Drafting software.

11. Whether applying against Physically Handicapped (Say Yes or No). : YES / NO

- (a) Indicate the type of disability (OH, HH) :
- i) Nature of disability, indicate the category as OL/OA/PD :
- ii) Mention the percentage of disability (as certified by the Competent Medical Authority in the PH Certificate)

12. Educational & Professional Qualification :

i) Beginning with SSC onwards:

Examination	University/ Board/ Institution	Year of passing/ appearing	Stream/ Subjects	Details of Marks		
				Maximum Marks	Marks obtained	% marks
SSC						(Aggregate percentage)
SSC			Maths			
			Science			
HSC						(Aggregate percentage)
HSC			Physics			
			Chemistry			
			Maths			
			Biology			
B.Sc. Passed						
B. Sc Appeared or Due to appear						
M.Sc. Passed						
M.Sc. Appeared or Due to appear						

(ii) ITI/NCVT

Examination	University/ Board/ Institution	Year of passing	Name of the trade	Maximum Marks	Marks obtained	Duration of the course
ITI						
NCVT						

(iii) Diploma/Degree in Engineering

Course	University/ Board/ Institution	Year of passing/ appearing	Name of the discipline	Maximum Marks	Marks obtained	% of marks	Duration of the course	No. of Semester/ Subjects Completed (If pursuing)
Diploma/ Licentiate								
B.E./ B.Tech/ AMIE Passed								

(iv) Indicate the course of study, if any, the applicant is continuing presently :

Course	University/ Board/ Institution	Full Time / Part Time	Duration of the Course	No. of Semester/subjects completed	Marks obtained

13. Experience (particulars of all previous and present employment are to be furnished)

Name & address of employer	Post held	Whether Central or a State Govt. / PSUs/ Autonomous bodies	Period		Permanent or Temporary	Reasons for leaving
			From	To		

14. Details of relatives employed in Dept. of Atomic Energy or its Constituent Units:

S No.	Name	Relationship	Unit	Post

15. Are you under any contractual obligation to serve the Central/State Government/ Any other Public Sector Undertaking/ Autonomous Bodies? If so, please furnish details: _____

16. Declaration:

I hereby declare that the above in formations are factually correct to the best of my knowledge. I also understand that I will be disqualified if any of the information furnished by me is found to be incorrect.

Place : _____

Signature of the candidate

Date: _____

Name : _____

CHECK LIST FOR THE CANDIDATES (TO BE ATTACHED TO THE APPLICATION)

Put X in the boxes applicable

1. Copy of the application completed and attached. :
2. Self addressed envelope (in Hindi & in English) :
3. Photograph affixed on the application and an additional copy of the photograph attached with application. :
4. Application signed. :
5. An attested photocopy of each of the following certificate is attached
 - a) Proof of Date of Birth :
 - b) Caste Certificate (SC/ST/OBC) :
 - c) Physical Disability certificate (if applicable) :
 - d) Educational & professional qualifications (Mark list/Board /Degree Certificate) :
 - e) Experience Certificate :
 - f) Discharge certificate from Defence Service (if applicable) :
 - g) Check list attached. :

Date : _____

Signature : _____

Name : _____