

I) Candidates with 60% marks in BSc with Physics, Chemistry & Mathematics as subjects with equal weightage will also be considered. However, they should clearly indicate their choice (Chemistry or Physics) in their application form. (Applicable for post no.1.8 (Chemistry) and 1.9 (Physics).

II) Mathematics at HSC (10+2) level is essential for the post 1.8 (Chemistry) and 1.9 (Physics).

III) Age Limit : (as on 20.08.2018)

Age	Category-I	Category-II
Minimum	19	18
Maximum	24	22

Note: Only Date of birth indicated in school leaving certificate or equivalent certificate will be accepted. No subsequent request for change shall be granted.

Upper age limit prescribed above is relaxable as under :

1. Upto a maximum of five years for SC/ST candidates & three years for OBC candidates.
2. Upto 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 01.01.1980 to 31.12.1989 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.
3. For Physically Challenged candidates, upto Ten years for UR category, thirteen years for OBC category and fifteen years for SC/ST category.

*Persons with Disability in the category of One Leg affected (OL) can apply for the **Post No. 1.6** (Computer Science).*

[Note: Physical deformity should not be less than 40%].

*Persons with Disability in the category of HH [Hearing impaired (Partially deaf)] can apply for the **Post No. 2.2** (Laboratory).*

[Note: "Hearing Impairment" means loss of 60 decibels or more in the better ear in the conversational range of frequencies.

4. Relaxation in the Upper age limit of 5 years shall be admissible to children/family members of those who died in the 1984 Riots.
5. Age relaxation is not applicable for SC/ST/OBC candidates applying against Un-reserved(UR) posts.

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

V) Total Duration of Training Period : Two years

VI) Stipend during Training :

Stipend (pm)	Category-I	Category-II
1 st year	₹16000/-	₹10500/-
2 nd year	₹18000/-	₹12500/-

VII) Selection Method

Category-I: Written Examination of one hour duration will be conducted and will comprise of 40 objective (multiple) type questions. The syllabus for the said examination will be based on subjects at Diploma/B.Sc. level as the case may be. Those candidates qualifying in the written examination shall be short-listed for interview to be held on the following day. '3' marks for each correct answer and '1' mark will be deducted for each incorrect answer.

*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.*

Category-II: The selection process will consist of tests in 3 stages – **Stage 1, Stage 2 & Stage 3.**

Stage1 - Preliminary Test : Screening examinations to be held to shortlist candidates. The format of the screening examinations will be common for all trades and will be in the following format.

1. Examination will consist of 50 multi choice questions(choice of 4 answers) of one hour duration in the following proportion:
 - a. Mathematics – 20 questions
 - b. Science – 20 questions
 - c. General awareness – 10 questions
2. '3' marks for each correct answer and '1' mark will be deducted for each incorrect answer.
3. All candidates with <40% in General category and <30% in reserved category will be screened out.

Stage 2 - Advanced Test : All candidates Screened in Stage 1 will be allowed to undertake Stage 2 (Advance Test) in their respective trade.

1. The Test will comprise 50 multi choice questions (choice of 4 answers) of two hour duration.
2. '3' marks for each correct answer and '1' mark will be deducted for each incorrect answer.
3. Merit List of candidates will be prepared after Stage-2 based upon the scores obtained in Stage-2 only.
4. All candidates with <30% in General category and <20% in reserved category will be screened out.

Stage 3 - Skills Test : Based upon the Merit List prepared after Stage-2, candidates will be shortlisted for Stage 3 (Skill Test). Candidates clearing the skill test will be shortlisted and empanelled in order of Merit based on the marks secured in Stage 2.

1. The number of candidates shortlisted for Skill Test will depend upon the number of candidates qualifying for Stage 2 but will not exceed 4 - 5 times the number of vacancies in each trade.
2. The Skill Test will be based on Go/No-Go basis.

VIII) SCOPE OF TRAINING: Selected candidates will be given training at Mumbai in various aspects of relevant disciplines/trades, as per prescribed syllabi of each discipline/trade and for meeting stringent requirements of BARC/AERB. The candidates will not have any choice/option for any particular training programme/training place.

IX) 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.

Stipendiary Trainees	Post	Level in the Pay Matrix	Entry Pay
Category-I	SCIENTIFIC ASSISTANT/C	Level 7	₹ 44900
Category-II	TECHNICIAN/B	Level 3	₹ 21700
	TECHNICIAN/C	Level 4	₹ 25500

In addition to entry pay, allowances will be admissible under Central Government Rules.

X) PREVAILING ADDITIONAL BENEFITS:

In addition to the normal Pay and Allowances as admissible under rules, the employees of the Department of Atomic Energy are entitled for:

- Exciting working environment
- Promotions to higher grades which are covered under the Merit Promotion Scheme of DAE.
- Healthcare for self and family members.
- Attractive performance related incentives.
- Attractive professional update allowance.
- Leave Travel Concession for self and family.
- Reimbursement of Tuition fee / Departmental Accommodation as per Government of India Orders.

Selected candidates , on their appointment, will be governed by the National Pension System (NPS)

XI) BOND: Selected candidates will have to execute a bond to complete the training and serve BARC/AERB 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/her during the period of training along with interest thereon.

XII) NATURE OF DUTIES :

The candidates selected against BARC posts are likely to be posted at BARC, Mumbai and its Constituent Units.

The candidates selected against AERB posts are likely to be posted at the AERB Regional Regulatory Centres at Chennai/Kolkata or Safety Research Institute, Kalpakkam, Tamil Nadu.

CATEGORY-I

Post No.	Discipline	Nature of duties
1.1	Mechanical	<u>For BARC post:</u> To assist in designing/ installation/ commissioning/ testing/ data analysis/ inspection of plant/ chemical process plant and equipment, oversee preparation of drawings/ fabrication/ commissioning, to work in CNC machines. Application of AutoCAD, supervision, operation and maintenance of plant, lab operations and related site activities of mechanical utility system in round-the-clock/ General Shift.
1.2	Electrical	<u>For BARC post:</u> To assist in engineering design, installations and commissioning of electrical equipments, testing, execution of electrical jobs like HT/LT panels, their inspection and maintenance. Work also involves operation and maintenance of plants, lab operations and related site activities of electrical utility in round-the-clock/General shift. <u>For AERB post:</u> Oversee design, installation, commissioning, testing and operation of Electrical systems/ equipment, participation in regulatory inspections and AERB site observer programmes
1.3	Metallurgy	<u>For BARC post:</u> Material processing Laboratories and Plants, fabrication, Plant Operations and related site activities in round-the-clock/ General Shift.
1.4	Chemical	<u>For BARC post:</u> To participate in design/ procurement and inspection of chemical equipments; to participate in and supervise erection/testing/ commissioning/ operation/ data logging/trouble shooting/ maintenance jobs in areas pertaining to chemical process equipment/machinery/plants; Operation and maintenance of plants, lab operations and related site activities in round- the-clock shift/General Shift. <u>For AERB post:</u> Regulation of erection/ testing/ commissioning/ operation/data logging/trouble shooting jobs in areas pertaining to chemical process plants/ machinery/ equipment, participation in regulatory inspections and AERB site observer programmes
1.5	Civil	<u>For AERB post:</u> Civil engineering safety assessment of nuclear facilities, participation in regulatory inspections in the field of civil engineering and AERB site observer programmes.
1.6	Computer Science	<u>For AERB post:</u> Computer operation; Networking, Software development; Website maintenance; Software maintenance and generation of MIS reports; Preparation of progress reports using MS Office software packages, participation in regulatory inspections and AERB site observer programmes.
1.7	Electronics & Instrumentation	<u>For BARC post:</u> To assist in designing/commissioning/ testing/inspection of electronic equipment/instruments in process plants and technical laboratories. The duties will also involve operation and maintenance of plants, lab operations and related site activities in round-the-clock/ General Shift. <u>For AERB post:</u> Regulation in variety of Electronic instruments/circuits; PCBs and miniature electronic components; review of design / development and operation of electronic systems like PLC, PCB and instruments, participation in regulatory inspections and AERB site observer programmes.
1.8	Chemistry	<u>For BARC post:</u> Radiopharmaceutical programme, R&D on new radio pharmaceuticals, to assist in the processing of radiochemical from irradiated targets, Radiochemical analysis of different samples, environmental matrices, conducting experiment related to chemical engineering activities including process development and quality management etc, Qualitative/quantitative chemical analysis by physical/volumetric/gravimetric/instrumental methods; Operation and maintenance of plants, lab operations and related site activities in round- the-clock shift/General Shift <u>For AERB post:</u> Regulation of nuclear and radiation facilities, participation in regulatory inspections and AERB site observer programmes.

1.9	Physics	For AERB post: Regulation of nuclear and radiation facilities, participation in regulatory inspections and AERB site observer programmes.
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CATEGORY-II		
Post No.	Trade	Nature of duties
2.1	Plant Operator	For BARC post: Operation of Process Plants/ Radiological Plant/ Research Reactor.
2.2	Laboratory	For BARC post: Cleaning of Laboratory wares and maintaining the labs, preparation of reagent mixtures, buffer solutions, measurement of pH, EC, Alkalinity in water samples and processing of materials in radiological lab.
2.3	A/C Mechanic	For BARC post: Operation and Maintenance of Air Conditioning System.
2.4	Fitter	For BARC post: Operation, Fabrication and Maintenance of Systems.
2.5	Welder	For BARC post: Gas Cutting and Welding Works.
2.6	Machinist	For BARC post: Operation of Milling, Drilling, Lathe and Shaping Machine.
2.7	Electrician	For BARC post: Erection, Operation and Maintenance of Electrical Equipments and Auxiliaries in Sub-station and other Installations. For AERB post: Operation, maintenance and regulation of electrical equipment, assisting in regulatory inspections and AERB site observer programmes.
2.8	Electronics & Instrumentation	For BARC post: Operation maintenance of Electronic equipments/instruments in process plants and support during Installation and Commissioning. For AERB post: Operation, maintenance and regulation of Electronic circuits/ components, assisting in regulatory inspections and AERB site observer programmes.
2.9	Mechanical	For AERB post: Operation, maintenance and regulation of mechanical equipment, assisting in regulatory inspections and AERB site observer programmes.

NOTE:- DUTIES WILL INVOLVE WORKING IN ROUND-THE-CLOCK /GENERAL SHIFT

XIII) HOW TO APPLY:

1. Applications will be accepted Online ONLY.
2. The facility of online application will be open from **28.07.2018** to **20.08.2018**.
3. For online submission of application, please visit the website <www.recruit.barc.gov.in>. Candidates are advised to read instructions given on home page of our website by clicking the option “*How to apply*”.
4. Only one application is acceptable for one post. If a candidate wishes to apply for more than one post, application and fees should be submitted separately for each post.
5. Candidates are advised to submit the ONLINE application well in advance without waiting for the Closing date(20.08.2018)

XIV) APPLICATION FEE: Mode of payment of the Application Fee is through **Online**.

For the posts of Category-I - **₹150/-**

Fee is exempted for candidates belonging to SC/ST, PWD and Women category.

For the posts of Category-II - **₹ 100/-**

Fee is exempted for candidates belonging to SC/ST, PWD, Ex-serviceman and Women category.

- The Application number generated after the submission of the application is required to make the online payment of the application fee and hence submission of application is mandatory before the online payment of application fees. However, fee NOT paid will be treated as incomplete application and hence will be **rejected**.
- For payment of fee, candidates should click on the ‘Make Payment’ option under the ‘My Account’ menu. The Application number generated while submission of application can be selected from the Drop-down box and on clicking the ‘submit’ button candidates can go to the next pages for making the online payment.
- Detailed guidelines for payment of application fee is available under the menu “How to Apply→Payment of fees”.
- Fee once paid shall not be refunded under any circumstances and cannot be held in reserve for any other recruitment.
- Application fee should be paid on or before the last date of receipt of online applications.

XV) GENERAL CONDITIONS:	
a)	The vacancies 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.
b)	Candidates empanelled under WAIT LIST will be offered appointment ONLY in case candidate in the MAIN LIST does not join.
c)	The validity of operation of WAIT LIST will be one year from the date of preparation of the Select Panel.
d)	The candidates will be given choice to answer the questions in written exam/trade test/interview in Hindi or English (as applicable).
e)	The eligibility criteria including the period of experience as prescribed in the advertisement will be determined with reference to the last date (20.08.2018) of receipt of applications (as applicable).
f)	SC/ST outstation candidates called for written examination will be paid to and fro travelling allowance of second-class Railway fare by the shortest route (subject to production of tickets) 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 Sector Undertakings, Local Government Institutions and Panchayats and the concession availed from Railways, if any, for undertaking journey for attending written examination. Download TA forms from < www.recruit.barc.gov.in >/Job Application/ Download Forms/TA claim form. TA reimbursement will be subject to the production of self attested copy of SC/ST Caste certificate and tickets/e-ticket.
g)	Candidates may ensure that they fill in the correct information. Candidates who furnish false information will be disqualified for Written Examination/Skill Test/Interview. BARC/AERB further reserves the right to reject the candidature of any applicant at any stage.
h)	Candidates are required to have a valid e-mail ID and Mobile Number. It should be kept active during the currency of this recruitment.
i)	This Research Centre reserves the right to fill up the post or even to cancel/ restrict/ modify / alter the whole process of recruitment without issuing any further notice or assigning any reason thereof.
j)	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.
k)	Candidates who have not acquired/will not acquire the Educational qualification as on the closing date of receipt of application (20/08/2018) will not be eligible and need not apply.
l)	In case Universities/Board award letter grades/CGPA/OGPA/SGPA, the same will have to be indicated as equivalent percentage of marks as per the norms adopted by that University/Board. In the absence of the same the candidature will not be considered.
m)	Candidates working under the Central/State Government, Public Sector Undertakings, Autonomous Bodies etc., after the submission of the Online application, should submit the hard copy of the application routed through proper channel to Deputy Establishment Officer, Recruitment –I, Central Complex, BARC, Trombay, Mumbai -400 085. They are also required to submit “ NO OBJECTION CERTIFICATE ” at the time of written examination/skill test/interview, failing which they will not be allowed to appear for the written examination.
n)	Candidates belonging to SC/ST/OBC category should clearly indicate the same in the application(even when applying for UR vacancy) and should furnish proof of the same in the specified format at the time of written test/skill test/interview (as applicable) failing which they will be treated as Unreserved (UR) and subsequent representations for change of community status will not be entertained.
o)	Candidates must regularly check the website. All information relating to the recruitment shall be made available on the website. Information displayed on the website shall be deemed as intimation to the candidates.
p)	At the time of Screening Test/Written Test/Skill Test/Interview, candidate must bring a print out of the online application and admit card (to be downloaded from the website) along with the documents in support of identity proof (Aadhar Card/PAN Card/Driving License/Voter Card) in original and self attested copies of all relevant documents as mentioned in the advertisement.
q)	Candidates should come prepared to stay in Mumbai for 2 to 3 days for the Written Test/Interview.

XVI) COPIES OF CERTIFICATES TO BE SUBMITTED AT THE TIME OF SCREENING TEST /WRITTEN TEST/ SKILL TEST / INTERVIEW.	
1.	Educational qualifications, experience (as applicable) and technical qualifications (supported by appropriate mark sheets* indicating the subjects offered at the examinations). (*Semester/Year wise mark sheets and consolidated mark sheet)
2.	Date of birth / Proof of age.
3.	SC/ST category (certificate should have been issued by the authorised authority in the prescribed format given at Annexure-1* .The community should have been included in the Presidential orders in relation to the concerned state).
4.	OBC candidate's caste certificate should be issued by an 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 on-line application (20/08/2018). 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 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 09/3/2004, OM No. 36033/3/2004 –Estt.(Res.) dated 14/10/2008, OM No. 36033/1/2013-Estt (Res.) dated 27/05/2013 and latest modification vide Government of India, Department of Personnel and Training OM No. 36033/1/2013-Estt (Res.) dated 13/09/2017(As per the format given in Annexure-3*).
5.	Disability Certificate from the appropriate authority regarding physical disability [as per the format given at Annexure-4* (applicable to persons with disability)]. 1. 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. 2. 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. 3. 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).
6.	Proof of the effect that they have been affected by 1984 riots (if claiming age relaxation).
7.	Claim regarding domiciled in Kashmir Division from 01.01.1980 to 31.12.1989 (if claiming age relaxation for Kashmir Division). Certificate of proof of residence -any person intending to avail of this relaxation of age limit admissible under rule-3 shall submit a certificate from the District Magistrate in the Kashmir Division within whose 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 1 st day of January, 1980 to the 31 st day of December, 1989.
8.	Any other relevant certificates (as applicable).
*Annexures can be downloaded from the website <www.recruit.barc.gov.in>by following the link <Job Application→ Download Forms>	
WARNING: 1. Mere fulfilling of requirements as laid down in the advertisement does not qualify a candidate for an written test/interview. No correspondence will be entertained with candidates not selected. 2. Candidates will be shortlisted for Written Examination/Skill Test/Interview on the basis of the information provided by them in their online application. They must ensure that such information is true. If at any stage or at the time of interview, it is found that the information given by them or any claim made by them in their online application is false, their candidature will be liable to be rejected and also liable for any other appropriate action as deemed fit.	
Any dispute with regard to this recruitment will be subject to Courts having jurisdiction in Mumbai only	
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/ Document verification)

Put X in the boxes applicable

Self attested copy of each of the following certificate/mark sheet is attached

- | | | | |
|----|---|---|--------------------------|
| a. | Printout of online application | : | <input type="checkbox"/> |
| b. | Printout of admit card | : | <input type="checkbox"/> |
| c. | Date of Birth / Proof of age | : | <input type="checkbox"/> |
| d. | Caste Certificate (SC/ST/OBC- <i>if applicable</i>) | : | <input type="checkbox"/> |
| e. | Educational & professional qualifications (Mark list/Board/Diploma/Degree Certificates) | : | <input type="checkbox"/> |
| f. | Experience certificate, <i>if any</i> | : | <input type="checkbox"/> |
| g. | No Objection Certificate(<i>if applicable</i>) | : | <input type="checkbox"/> |
| h. | Disability Certificate (<i>if applicable</i>) | : | <input type="checkbox"/> |
| i. | Any other relevant certificate (<i>if applicable</i>) | : | <input type="checkbox"/> |
| j. | Check list attached | : | <input type="checkbox"/> |

Signature of the candidate

Date:
