Government of India
Ministry of Home Affairs
Directorate General Border Security Force
(Personnel Directorate : Recruitment Section)

ADVERTISEMENT

IMPORTANT INSTRUCTIONS TO CANDIDATES

1.	BSF will hold an All India Examination for recruitment to the different posts of Group 'B' & 'C' of Water Wing in BSF for the year 2016-17.
2.	Candidates are advised to go through the requirement of educational qualification, age, physical standards, physical efficiency test etc. and satisfy themselves that they are eligible for the posts, before applying. BSF reserves the right to cancel the candidature of any candidate at any stage of the selection process, if he is found not qualifying any of the prescribed eligibility criteria. The detailed advertisement is available on the BSF website **www.bsf.nic.in**
3.	Candidates seeking reservation benefits for Govt. Servant/OBC/SC/ST/Ex-Servicemen must ensure that they are entitled to such reservation as per eligibility prescribed in the notice. They should also be in possession of the certificates in the format prescribed by Government of India in support of their claim at the time of application.
4.	Central Government Employees/Servants claiming age relaxation should be in possession of a certificate in the prescribed format from their office, in respect of the length of continuous service which should be for not less than three years in the immediate period preceding the closing date for receipt of application. They should continue to have the status of Central Government Civilian Servants/Employees from the day of application till the time of appointment on the basis of their performance in this examination to be eligible for such age relaxation.
5.	**Fee**: A Demand Draft/ Postal Order of Rs. 50/- (Fifty) as examination fee in favour of the addressee to whom the application is addressed, payable at respective SBI/Post Office at the location or nearby station. However, fee is exempted for candidates belonging to Scheduled Caste, Scheduled Tribe, BSF Candidates, Ex-Servicemen.
6.	**Closing Date**: Application duly filled up in the given format may be sent within **30 days from the date of publication of the Notice in Employment News**. The last date of receipt of application in respect of candidates belonging to areas of North Eastern State, Sikkim, Ladakh Division of Jammu & Kashmir State, Lahaul & Spiti Districts and Pangi Sub Division of Chamba District of Himachal Pradesh, the Union Territory of Andaman and Nicobar Islands or the Union territory of Lakshadweep is within **45 days** from the date of publication of advertisement in Employment News.
7.	Mobiles and other Electronic Gadgets are banned within the premises of the Examination Centers.
8.	The selected candidate are liable to be posted anywhere in the Country as per the transfer policy of the Force.
9.	The recruitment will be done on All India Basis.

10.	Selected candidate will be governed by BSF Act and Rules.
11.	On appointment they shall be entitled for pension benefits as per the **"New Restructured Defined Contributory Pension Scheme"** applicable for the new entrants to the Central Government services w.e.f 01st Jan' 2004.
12.	The application form and Admit Card (Annexure-'A' & 'B') must be filled by the candidate in his/her own handwriting/typewritten. Correction, if any, should be legible and attested by the candidate.
13.	Applications, which are not on prescribed format or not accompanied by the required enclosures or incomplete or defective shall be summarily rejected. No representation or correspondence regarding such rejection shall be entertained under any circumstances.
14.	The envelope containing the application must be superscripted in bold letters as **""APPLICATION FOR THE POST OF SI(MASTER)/SI(ENGINE DRIVER)/HC(MASTER)/HC(ENGINE DRIVER)/HC(WORKSHOP)/CT(CREW) IN BSF WATER WING- 2016-17"**
15.	Candidate serving in Government/Semi Government/Public Sector undertakings should apply through proper channel. No objection certificate from their employer will be required to be submitted at the time of documentation.
16.	Candidates are not required to submit any original certificates in support to their claims. They should ensure they fulfill all the eligibility conditions for admission to the tests. **If on verification at a later stage it is found that they do not fulfill any of the eligibility conditions, their candidature will be cancelled by the Selection Board.**
17.	All eligible candidates who apply in response to this advertisement before the closing date will be assigned Registration/Roll Numbers. They will be communicated through Call letters/Admit Cards for appearing in the First Phase of the selection process i.e Written Examination.
18.	Candidates are informed that the Written Examination will be followed by Documentation, Physical Standard Test, Physical Efficiency Test, Trade Test & Medical Examination. Final merit list as per the advertised vacancies will be prepared in respect of candidates who have qualified all the stages/events.
19.	The recruitment board shall not be liable for any claim arising out of any injury etc. suffered during the tests. The decision of the recruitment board shall be final in all matters connected with this recruitment.
20.	The appointment will be subject to the conditions that the candidates are medically as well as physically fit. The selected candidates will have to undergo Basic Training at any of the Training Institutions of BSF. The services of those candidates who fail to complete the training successfully are liable to be terminated.
21.	An employee serving in the same rank and pay grade will not be entitled to apply for said post.
22.	Candidates belonging to the Physically Handicapped category are **not eligible** to apply for this examination.
23.	Correspondence will only be made on the present address of the candidates. BSF will not be responsible for any postal delay or wrong delivery.

NOTE-I : *Final scrutiny of eligibility criteria with regards to age, educational qualification, caste, physical standard will be undertaken at the time of final selection/medical examination. Therefore, candidature will be accepted only provisionally till final selection. At the time of final selection when scrutiny is undertaken and if any claim made in application is not found substantiated then the candidature will be cancelled and the decision of BSF in this regard shall be final.*

II. Applications are invited from male Indian citizens for appointment in Water Wing Group 'B' & 'C' Combatised Staff in Border Security Force, Ministry of Home Affairs, Government of India in the pay scale as mentioned against each post. The posts are temporary but likely to become permanent.

Post	Vacancy					Pay Scale	Age	Edn Qualification
	Gen	OBC	SC	ST	Total			
SI (Master)	06	-	-	01	07	PB-2 (9300-34800) plus GP Rs.4200	Between **22 to 28** years	i) 10+2 or its equivalent from a recognized Board or University, and; ii)Second Class Master Certificate issued by the Central or State Inland Water Transport Authority or Mercantile Marine Department.
SI (Engine Driver)	04	03	01	01	09	PB-2 (9300-34800) plus GP Rs.4200	Between **22 to 28** years -	i) 10+2 or its equivalent from a recognized Board or University, and; ii) First Class Engine Driver Certificate issued by the Central or State Inland Water Transport Authority or Mercantile Marine Department.
HC (Master)	26	19	10	07	62	BP-1 (5200-20200) plus GP Rs.2400	Between **20 to 25** years	i)Matriculation from a recognized board or equivalent. ii) Serang Certificate.
HC (Engine Driver)	26	23	09	07	65	BP-1 (5200-20200) plus GP Rs.2400	-do-	i)Matriculation from a recognized board or equivalent. ii)Possessing IInd Class Engine Driver Certificate..
HC (Workshop)	-	-	01	-	01	BP-1 (5200-20200) plus GP Rs.2400	-do-	1) Matriculation from a recognized Board or equivalent; and (2) Industrial Training Instituted Diploma in Motor Mechanic (Diesel / Petrol Engine) Machinist/Welder/ Carpentry/ Electrician/Fitter/Air conditioner Technician / Electronics/Plumbing / Upholstering / Painting from a recognized Institution..
CT(Crew)	13	01	03	15	32	PB-1 (5200-20200) plus GP Rs.2000	-do-	i)Matriculation from a recognized board or equivalent. ii) one year experience in operating of Boat below 265 HP; iii) Should know swimming and possess a certificate to this effect from a recognized institute/swimming pool/any authority to give such certificate.
Total	**75**	**46**	**24**	**31**	**176**			

Note :- 1) Vacancies are subject to change (may increase or decrease).

2) 10% vacancies are reserved for Ex-Servicemen.

3) Number of written qualified candidates to be called for next phases i.e Documentation, PST/PET, Trade Test and Medical Examination may be restricted to the five (05) times the number of vacancies advertised.

2. AGE DETERMINATION AND RELAXATION

(a) The crucial date for determining the age limit shall be the closing date for receipt of applications from candidates in India (and not the closing date prescribed for those in Assam, Meghalaya, Arunachal Pradesh, Mizoram, Manipur, Nagaland, Tripura, Sikkim, Ladakh Division of Jammu and Kashmir State, Lahaul and Spiti District and Pangi Sub-Division of Chamba District of Himachal Pradesh, the Union Territory of the Andaman and Nicobar Islands or Lakshadweep) i.e. 30 days from the date of publication of this advertisement in the 'Employment News'.

(b) Candidates should note that only the Date of Birth as recorded in the Matriculation/Secondary Examination Certificate or an equivalent certificate available on the date of submission of application will be accepted by the BSF for determining the age eligibility and no subsequent request for its change will be considered or granted.

(c) Age relaxation available to different category of eligible candidates, for claiming Age Relaxation as on the date of reckoning:

Srl No.	Category	Age Relaxation permissible beyond the Upper age limit
01	SC/ST	05 years
02	OBC	03 years
03	Ex. Servicemen (Unreserved)	05 years
04	Ex. Servicemen (OBC)	08 years
05	Ex. Servicemen (SC/ST)	10 years
06	**Central Govt. Civilian Employees** (**General**) who have rendered not less than 3 years regular and continuous service as on closing date	05 years
07	**Central Govt. Civilian Employees** (**OBC**) who have rendered not less than 3 years regular and continuous service as on closing date	08 (5+3) years
08	**Central Govt. Civilian Employees** (**SC/ST**) who have rendered not less than 3 years regular and continuous service as on closing date	10 (5+5) years
09	Candidates who had ordinarily been domiciled in the State of **Jammu & Kashmir (Unreserved)**	05 years
10	Candidates who had ordinarily been domiciled in the State of **Jammu & Kashmir (OBC)**	08 years
11	Candidates who had ordinarily been domiciled in the State of **Jammu & Kashmir (SC/ST)**	10 years
12	Children and dependent family of those killed in the **Communal riots of the year 1984** and **Gujarat riots of the year 2002 (General)**	05 years
13	Children and dependent family of those killed in the **Communal riots of the year 1984** and **Gujarat riots of the year 2002 (OBC)**	08 years
14	Children and dependent family of those killed in the **Communal riots of the year 1984** and **Gujarat riots of the year 2002 (SC/ST)**	10 years
15	**Departmental Candidates (Unreserved)** who have rendered not less than 03 years of regular and continuous service as on closing date.	05 years
16	**Departmental Candidates (OBC)** who have rendered not less than 03 years of regular and continuous service as on closing date.	08 (3+5) years
17	**Departmental Candidates (SC/ST)** who have rendered not less than 03 years of regular and continuous service as on closing date.	10 (5+5) years

(d) Candidates who wish to be considered against vacancies reserved/or seek age-relaxation must submit requisite certificate from the competent authority, in the prescribed format when such certificates are sought by the selection board at the time of documentation. Otherwise, their claim for SC/ST/OBC status will not be entertained and their candidature/applications will be considered under General(UR) category. The formats of the certificates are annexed. Certificates obtained in any other format will not be accepted. Candidates claiming OBC status may note that certificate on creamy layer status should have been obtained within three years before the closing date in the prescribed format only.

3. **PHYSICAL STANDARD**

Categories	**Minimum Height**	**Minimum Chest**
Schedule Tribes/Adivasis of all states and Union Territories including Nagas & Mizos	160 Cms	73 Cms (Unexpanded) 78 Cms (Expanded)
Person belonging to Hill area of Garhwal, Kumaon, Himachal Pradesh, Sikkim, Leh & Ladakh, North Eastern States, State of Kerala, Karnataka, Tamilnadu, Maharashtra, Andhra Pradesh, Goa, Union Territory of Pondicherry, Lakshdweep, Daman & Diu, Andaman & Nicobar Islands and Dogras	162.5 Cms	75 Cms (Unexpanded) 80 Cms (Expanded)
Person belonging to other States and Union Territories	165 Cms	75 Cms (Unexpanded) 80 Cms (Expanded)

Weight: Proportionate to height as per medical standards.

NOTE: *Relaxation in height and chest (as the case may be) as mentioned above will be permissible only on production of certificate in the proforma as prescribed by the District authorities where they ordinarily reside(s)*

4. **DEFINITIONS/CONDITIONS FOR EX-SERVICEMEN**

An 'Ex-Servicemen' means a person :-

i) Who has serviced in any rank whether as a combatant or non-combatant in the Regular Army, Navy, Air Force of the Indian Union, and
   a) Who either has been retired or relieved or discharged from such service whether at his own request or being relieved by the employer after earning his or her pension; or
   b) Who has been relieved from such service on medical grounds attributable to military service or circumstances beyond his control and awarded medical or other disability pension; or
   c) Who has been released from such service as a result of reduction in establishment;

or

ii) Who has released from such service after completing the specific period of engagement, otherwise than at his own request, or by way of dismissal, or discharge on account of misconduct or inefficiency and has been given a gratuity; and includes personnel of the Territorial Army, namely, pension holders for continuous embodied service or broken spells of qualifying service;

or

iii) Personnel of the Army Postal Service who are part of Regular Army and retired from the Army Postal Service without reversion to their parent service with pension, or are released from the Army Postal service on medical grounds attributable to or aggravated by military service or circumstance beyond their control and awarded medical or other disability pension;

or

iv) Personnel who were on deputation in Army Postal service for more than six months prior to the 14th April, 1987;

or

v) Gallantry award winners of the Armed forces including personnel of Territorial Army;

or

vi) Ex-recruits boarded out or relieved on medical ground and granted medical disability pension.

NOTE-I : *Character certificate : Minimum requirement will be 'Good' category certificate.*

NOTE-II : *All Ex-Servicemen are not required to undergo Physical Standard Test (PST) and Physical Efficiency Test (PET). However, all Ex-Servicemen are required to pass the Written Examination, Documentation, Trade Test and Medical Examination.*

NOTE-III: *The SC, ST & OBC candidates selected against the vacancies reserved for ex-servicemen shall be adjusted against vacancies reserved for SC, ST and OBC respectively. In case reserved vacancy for Ex-Servicemen remained unfilled due to non availability of eligible or qualified candidates, the same shall be filled by candidates from non-ex-servicemen category*

5. **SELECTION PROCEDURE**

The selection procedure will be as follows:-

(a) Written Examination.
(b) Documentation
(c) Physical Measurement
(d) Physical Efficiency Test (Qualifying)
(e) Trade Test (Qualifying)
(f) Medical Examination.

Selection procedure will be held in two phases which are as under:-

(A) **First Phase**

(i) Written Examination

The written examination will be conducted at the selection centres which will be communicated separately. There will be one composite paper for two hour duration from respective discipline and will be **"OBJECTIVE TYPE WITH MULTIPLE CHOICE".**

Note:- (i) ***Candidates are not permitted to use Mobile Phone, Calculator or any other electronic/electrical device for answering any paper (Test Booklets). Candidates must not, therefore, bring Mobile Phone, Calculator or any other electronic/electrical device inside the Examination premises. Possession of these items, whether in use or not, will be considered as "use of unfair means" in the Examination and appropriate action will be taken.***

(ii) Discrepancies in Question Paper, if any, may be brought to the notice of the selection board in writing immediately on completion of holding the examination. Representation submitted subsequently will not be considered.

(B) **Second Phase**

Those candidates declared pass in the written examination (first phase) will appear in the second phase at the following centers.

S.No.	Rank & Trade	Name of WW Establishment /Trade test center				
01.	SI & HC (Workshop	Madhopur	Bhuj	Hasnabad	Dhubri	-
02.	SI & HC (Master & Engine Driver)	-	Bhuj	Hasnabad	Dhubri	-
03.	CT/Crew	Madhopur	Bhuj	Hasnabad	Dhubri	Slichar

Second Phase as follows:-

(i) **Documentation and Physical measurement**

(ii) **Physical Efficiency Test**

Candidates are required to qualify following events:-

(a) 1 Mile Race - 08 Minutes

(b) High Jump - 3 Feet 06 Inches (03 attempts)

(c) Long Jump - 11 Feet – (03 attempts)

NOTE :- ***Ex-Servicemen are not required to undergo PST/PET.***

(iii) **Trade Test (in respective trade)**:- Only qualifying in nature.

(iv) **Medical Examination**

The medical examination will be held immediately after completion of trade test at the respective centres. Medical standards are as follows:-

(i) Vision: Minimum distant vision should be N6& N9 of both eyes. Visual correction of any kind is not permitted (i.e without wearing glasses)

(ii) Must pass CP III by ISIHARA colour vision test ;

(iii) Must not have knock knee, flat foot or squint in eyes. Must not have any defect or deformity which likely to interfere with the efficient performance of the duties.

iv) Any candidate with a small engraving/tattoo of name of religious symbol on the inner face of the arms or hands is permitted for enrolment.

(v) Candidates having permanent tattoo on any other part of the body will be debarred for recruitment in BSF.

(v) Candidates will be allowed to appear for next event only after qualifying the previous event.

NOTE:- *The candidates applying for the examination should ensure that they fulfill all the eligibility conditions for admission to the examination. Their admission at all the stages of selection procedure will be purely provisional, subject to satisfying the prescribed eligibility conditions. If, at any time before or after above selection procedure, it is found that they do not fulfill any of the eligibility conditions, their candidature will be cancelled by the department.*

6. **SUBMISSION OF APPLICATION**

(a) **Application duly filled up in the given format** along with its enclosure duly completed in all respect may be sent to **any one of the centres mentioned below within 30 days from the date of publication of this advertisement in 'Employment News'**:-

CENTRE	CENTRE CODE	TO WHOM APPLICATION BE SENT
KOLKATA	01	The Inspector General, Ftr HQ BSF, South Bengal, 2-B, Lord Sinha Road, Kolkata (West Bengal) – 700071
GUWAHATI	02	The Inspector General, Ftr HQ BSF Guwahati, PO- Azara, Dist- Kamrup, Guwahati (Assam) – 781017
JALANDHAR	03	The Inspector General, Ftr HQ BSF Jalandhar, PO- BSF Campus, Jalandhar Cantt Punjab Pin-144006
BANGALORE	04	The Inspector General, Ftr HQ BSF Bangalore, Yelahanka, Bangalore North, Karnataka-560064
KADAMTALA	05	The Inspector General, Ftr HQ BSF North Bengal, PO- Kadamtala (Siliguri), Darjeeling (West Bengal)-734433
GANDHI NAGAR	06	The Inspector General, Ftr HQ BSF Gujarat, PO- CRPF Group Centre, Chiloda Road, Dist-Gandhi Nagar (Gujarat) Pin - 382042
AGARTALA	07	The Inspector General, Ftr HQ BSF Tripura, PO-Salbagan, Agartala, Tripura(West)- 799012.
DELHI	08	The Commandant, 25 Bn BSF, Chhawla Camp, Najafgarh, New Delhi-110071

Note:- (i) A candidate must indicate the centres in the Application Form. A candidate must submit his application only to the concerned BSF office under whose jurisdiction the centre selected by him falls. Applications received in any other HQ of BSF other than the centres shown above will be rejected summarily.

(ii) BSF reserves the right to cancel any Centre and ask the candidates of that centre to appear from another centre. BSF also reserves the right to divert candidates of any centre to other Centre to take the examination.

(b) The last date of receipt of application in respect of candidates belonging to areas of North Eastern State, Ladakh division of J&K, Sikkim, Pangi Sub division of Chamba, Lahaul & Spiti district of Himachal Pradesh, Andaman and Nicobar and Lakshdweep Islands is within 45 days from the date of publication of this Advertisement in 'Employment News'.

(c) The applications should be accompanied with attested copies of certificates of proof of age, education qualification, technical qualification, experience in trade, caste/hill areas (Domicile), wherever applicable. **Candidates are permitted to apply for only one post. Multiple applications shall be summarily rejected.**

(d) Three recent passport size photographs should be attached to the application. One each photograph to be affixed on the application form and admit card and third one to be kept in record. Two self-addressed envelopes with postal stamps worth Rs.39/- each should also be attached with the application form. The envelope containing application must be super scribed in bold letters as **"APPLICATION FOR THE POST OF SI(MASTER)/SI(ENGINE DRIVER)/ HC(MASTER)/HC(ENGINE DRIVER)/ HC(WORKSHOP)/ CT(CREW) IN BSF WATER WING 2016-17".**

7. **EXAMINATION FEE**

Each application should be accompanied by a Demand Draft/Postal Order for Rs. 50/- (Fifty) as examination fee in favour of the addressee to whom the application is addressed, payable at respective SBI/Post Office at the location or nearby station. However, fee is exempted for candidates belonging to Scheduled Caste, Scheduled Tribe, BSF Candidates, Ex-Servicemen.

NOTE-I: *Fee once paid will not be refunded under any circumstances.*

8. **CONDITIONS OF SERVICE**

i) Selected candidates will be liable to serve anywhere in the Union of India or abroad.
ii) Candidate will be governed by BSF Act & Rules as amended from time to time.
iii) The new defined contribution pension system is applicable for all new entrants to the Central Govt Service on or after 01 Jan 2004.
iv) Selected candidates will have to undergo basic training and such other courses as prescribed in the Force from time to time.
v) The posts are Combatised and selected candidate will be governed under provision of BSF Act and Rule.

9. **BSF'S DECISION FINAL**

The decision of the BSF in all matters relating to eligibility, acceptance or rejection of the applications, penalty for false information, mode of selection, conduct of examination(s), allotment of examination centres and selection will be final and binding on the candidates and no enquiry/correspondence will be entertained in this regard.

10. **COURT JURISDICTION**

Any dispute in regard to this recruitment will be subject to courts/tribunals having jurisdiction over the city/town in which the concerned centre/office of BSF is situated and where the candidate has submitted his application.

11. **RESOLUTION OF THE TIE CASES**

In case where more than one candidate has secured equal marks, the tie cases will be resolved as under by applying following method one after another till the tie resolved:-

a) Marks in the written examination, with candidate having scored higher marks in the written Examination placed higher.
b) Date of Birth, with older candidates placed higher.
c) Alphabetical order in which the first names of the candidates appear.

12. **GENERAL INSTRUCTIONS**

i) Applications, which are not on prescribed format or not accompanied by the required enclosures or incomplete or defective shall be summarily rejected. No representation or correspondence regarding such rejection shall be entertained under any circumstances.

ii) The candidates applying for the examination should ensure that they fulfill all the eligibility conditions for admission to the examination. Their admission at all the stages of examination will be purely provisional, subject to their satisfying the prescribed eligibility conditions. If, on verification, at any time before or after the written examination, it is found that they do not fulfill any of the eligibility conditions, their candidature for the examination will be cancelled by the selection board.

ii) Applications received after closing date and any enquiry in this regard will not be entertained by the Selection Board.

iii) Candidates already serving in Govt/Semi Govt. Departments should apply through proper channel and NOC obtained from the employer should also be enclosed.

iv) Candidates are not required to submit any original certificates in support of their claims at the time of submission of application. They should ensure they fulfill all the eligibility conditions. However, Candidates are required to produce all original certificates during Second phase of examination at the time of documentation.

v) Candidates are informed that written examination is only a preliminary test for screening and short listing. No result of any of the tests will be supplied to the candidates and no correspondence will be entertained by the Board in this regard.

vi) Before applying, candidates in their own interest are advised to go through the detailed instructions contained in this notice carefully. This notice and specimen of the application form is also available on the BSF website **www.bsf.nic.in.**

vii) The application form (**Annexure-A**) must be filled by the candidate correctly and correction, if any should be legible and attested by the candidate.

viii) The venue, date and time of written examination, documentation, physical standard test, physical efficiency tests, trade test and medical examination will be intimated to the candidate.

ix) The recruitment board shall not be liable for any claim arising out of any injury etc. suffered during the tests. The decision of the recruitment board shall be final in all matters connected with this recruitment.

x) An employee serving in the same rank and pay grade will not be entitled to apply for said post.

xi) On behalf of Govt. of India, selection committee reserves its right to reject or accept the candidature of any applicant at any stage.

xii) Candidates seeking reservation benefits for SC/ST/OBC must ensure that they are entitled to such reservation as per eligibility prescribed in the Notice. They should also be in possession of the certificates in the format prescribed by Government of India in support of their claim at the time of application.

xiii) Candidates belonging to the Physically Handicapped category are not eligible to apply for this examination.

xiv) Central Government civilian employees claiming age relaxation should be in possession of a certificate in the prescribed format from their office, in respect of the length of continuous service which should be for not less than three years in the immediate period preceding the closing date for receipt of application. They should also continue to have the status of Central Government civilian employees till the time of appointment, in the event of their selection.

xv) Candidates must write the papers/indicate the answers in their own hand writing.

xvi) In the question papers, wherever necessary, the Metric systems of weights and measures only will be used.

xvii) Candidates are not permitted to use calculators and other electronic gadgets except as specified in the notice. They should not, therefore, bring the same inside the Examination Premises/Venue.

xviii) If any candidate is found to possess mobile phones or any other means of wireless communication position in the working or switched off mode in the examination hall, his candidature shall be cancelled forthwith.

xix) Specimen of the application form with admit card can also be downloaded from BSF website **www.bsf.nic.in.**

xx) Any change/Notice for candidates will only be published on BSF Website. Hence, candidates in their own interest are advised to log on to the BSF Website from time to time.

12. **CHECK LIST**

i) Application form and admit card as per prescribed format duly filled and signed by the candidates.

ii) Attested copy of matriculation or equivalent certificate as a proof of age.

iii) Attested copy of educational qualification, technical qualification and experience certificates as a proof of education/experience.

iv) Attested copy of Caste certificate in case of SC/ST candidate (as per proforma **Annexure-'B'**).

v) Attested copy of OBC certificate in case of OBC candidate (as per **Annexure-'C'**).

vi) Attested copy of certificate in support to avail relaxation in height and chest measurement for Scheduled Tribes/Adivasis including Nagas and Mizos, person belonging to Hill areas of Garhwal, Kumaon, Himachal Pradesh, Sikkim, Leh-Ladakh, North Eastern States, State of Kerala, Karnataka, Tamilnadu, Maharashtra, Andhra Pradesh, Goa, Union Territory of Pondicherry, Lakshdweep, Daman and Diu, Andaman and Nicobar Islands and Dogras (as per **Annexure-'D'**).

v) NOC in case of candidates serving in BSF/Central/State Govt/Public Sector undertaking must be attached with application form.

viii) Three recent passport size photographs duly attested by Gazetted Officer (one affix on application form, one affix on admit card and one to be attached with application form).

ix) Two self addressed envelopes with postage stamps worth Rs.39/- each duly affixed.

x) Each application should be accompanied by a Demand Draft/Postal Order for Rs. 50/- (Fifty) as examination fee in favour of the addressee to whom the application is addressed, payable at respective SBI/Post Office at the location or nearby station. However, fee is exempted for candidates belonging to Scheduled Caste, Scheduled Tribe, BSF Candidates, Ex-Servicemen.

xi) Application form and admit card as per prescribed format duly filled and signed by the candidates.

22/8/16

(I D SINGH)
Commandant(Rectt.)

Annexure-'A'

APPLICATION FORM FOR THE POST OF SI(MASTER)/ SI(ENGINE DRIVER)/ HC(MASTER) / HC(ENGINE DRIVER) / HC (WORKSHOP) / CT (CREW) IN BSF WATER WING 2016-17

(This form should be filled in by the candidate in his own handwriting which should be completed in all respects alongwith certified copies of testimonials. A copy of recent passport size photograph should be pasted on the application at the space provided for the purpose. Incomplete application will not be entertained and will be summarily rejected. Answer must be given in words and not by dashes and dots).

REGTN NO._____ (To be filled by office) **ROLL NO.**_____

(TO BE FILLED BY CANDIDATE)

Paste here a copy of your recent passport size photograph (Approx. 3.5 x4.5 Cms)

POST APPLIED FOR : _____ (one post)

Trade : _____ (one post)

Centre : _____ **Centre Code** _____

1. Full Name (In Capital letters) (as recorded in Matriculation Or equivalent certificate) : _____
2. Father's name (In Capital letters) : _____
3. Address for Correspondence (With PIN Code) _____

   _____

   Mobile Number : _____
4. Permanent Address (With PIN Code) : _____

   _____

   Mobile Number : _____
5. Nationality : _____
6. Religion : _____
7. Category (Gen/OBC/SC/ST) _____
8. Sex : _____
9. Marital Status : _____
10. Visible Identification Marks : i) _____

    ii) _____
11. Date of Birth(According to Christian Era as recorded in the Matriculation or Equivalent certificate) : In words _____

    : In Figures _____
12. Educational Qualification : _____

13. Details of examinations passed from Matriculation/School leaving certificate to onwards:

Name of School	Name of recognized University/Board of Examinations	Examination passed (i.e Matric/10+2/ Graduation etc)	Year	Division/Class obtained	Percentage of marks obtained

14. a) Whether Ex-Serviceman : **YES / NO (Tick)**
b) If so, mention following details (Attach copy of discharge certificate) :-

Date of enrolment	Date of retirement/ discharge	Total length of service	Medical Category	Reasons for release/discharge

15. Technical qualification : _____
In which applied

16. Experience :_____
(Experience Certificate be attached with the application)

17. State if you are employed (Tick (Yes/No) _____
a) Name and address of Deptt _____
b) Designation held _____
c) Whether holding Permanent Or Temporary post (NOC be attached with the application form) _____

18. DD/IPO Number, date & amount : _____

19. List of enclosures : _____

20. **DECLARATION**

"I……..……Son of Shri ……..……..Age……..yrs District ……..State……...hereby declare that the information given above and in the enclosed documents is true to the best of my knowledge and belief and nothing has been concealed therein. I am well aware of the fact that if the information given by me is proved / not true, I will have to face the consequence as per the Law. Also, all the benefits availed by me shall be summarily withdrawn.

Signature of Applicant

Date : ……..

Place : ……..

(Unsigned application will be rejected)

NOTE:-

i) The candidate shall produce the original certificates at the time of documentation. Non production of certificates shall render rejection of candidature.

ii) Candidate in service must submit their application through proper channel with the certificate duly signed by their employer stating their willingness to release them from service in BSF in case they are selected.

Government of India
Ministry of Home Affairs
Directorate General Border Security Force

APPLICATION FOR THE POST OF SI(MASTER)/ SI(ENGINE DRIVER)/ HC(MASTER) / HC(ENGINE DRIVER) / HC (WORKSHOP) / CT (CREW) IN BSF WATER WING 2016-17

(To be filled by office)

Registration No. _____ Roll No._____

ADMIT CARD

Paste here a copy of your recent passport size photograph (Approx. 3.5 x 4.5 Cms duly attested by a GO)

(To be filled by candidate)

1. Full Name
   (in Capital letters)
   (as recorded in Matriculation Or equivalent certificate) : _____
2. Father's name : _____
3. Date of Birth : _____
4. Address for Correspondence : _____
   with contact number : _____
   _____
5. Category *(Gen/OBC/SC/ST)* : _____
6. Personal mark of Identification : i) _____
   : ii) _____
7. Applied for the post of : _____
   (with Trade if applicable)

(Signature of Candidate)

(For Office use only)

8. Centre of examination : _____
9. Date of Examination : _____

Date	Signature	Signature of invigilator

ANNEXURE-'B'

FORM OF CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSESAPPLYING FOR APPOINTMENT TO POSTS UNDER THE GOVERNMENT OF INDIA

This is to certify that Shri / Smt. / Kum. _____Son / Daughter of Shri/Smt._____of Village/Town_____District/Division _____ in the _____State belongs to the _____ Community which is recognized as a backward class under:

(i) Resolution No. 12011/68/93-BCC(C) dated 10/09/93 published in the Gazette of India Extraordinary Part I Section I No. 186 dated 13/09/93
(ii) Resolution No. 12011/9/94-BCC dated 19/10/94 published in the Gazette of India Extraordinary Part I Section INo. 163 dated 20/10/94.
(iii) Resolution No. 12011/7/95-BCC dated 24/05/95 published in the Gazette of India Extraordinary Part I Section INo. 88 dated 25/05/95
(iv) Resolution No. 12011/96/94-BCC dated 9/03/96.
(v) Resolution No. 12011/44/96-BCC dated 6/12/96 published in the Gazette of India Extraordinary Part I Section INo. 210 dated 11/12/96.
(vi) Resolution No. 12011/13/97-BCC dated 03/12/97.
(vii) Resolution No. 12011/99/94-BCC dated 11/12/97
(viii) Resolution No. 12011/68/98-BCC dated 27/10/99
(ix) Resolution No. 12011/88/98-BCC dated 6/12/99 published in the Gazette of India Extraordinary Part I Section INo. 270 dated 06/12/99
(x) Resolution No. 12011/36/99-BCC dated 04/04/2000 published in the Gazette of India Extraordinary Part I Section INo. 71 dated 04/04/2000
(xi) Resolution No. 12011/44/99-BCC dated 21/09/2000 published in the Gazette of India Extraordinary Part I Sectionl No. 210 dated 21/09/2000
(xii) Resolution No. 12015/9/2000-BCC dated 06/09/2001
(xiii) Resolution No. 12011/1/2001-BCC dated 19/06/2003
(xiv) Resolution No. 12011/4/2002-BCC dated 13/01/2004
(xv) Resolution No. 12011/9/2004-BCC dated 16/01/2006 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 16/01/2006

Shri / Smt. / Kum. _____ and / or his family ordinarily reside(s) in the_____District / Division of_____State. This is also to certify that he/she does not belong to the persons/sections (Creamy Layer) mentioned in Column 3 of the Schedule to the Government of India, Department of Personnel & Training O.M. No. 36012/22/93-Estt.(SCT) dated 08/09/93 which is modified vide OM No. 36033/3/2004 Estt.(Res.) dated 09/03/2004 & dated 14/10/2008.

Dated: _____

District Magistrate / Deputy Commissioner / Competent Authority
Seal

NOTE:

(a) The term 'Ordinarily' used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950
(b) The authorities competent to issue Caste Certificates are indicated below

(i) District Magistrate / Additional Magistrate/Collector /Deputy Commissioner /Additional Deputy Commissioner /Deputy Collector/Ist Class Stipendiary Magistrate/Sub-Divisional magistrate/Taluka Magistrate/Executive Magistrate / Extra Assistant Commissioner (not below the rank of Ist Class Stipendiary Magistrate).
(ii) Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate.
(iii) Revenue Officer not below the rank of Tehsildar' and
(iv) Sub-Divisional Officer of the area where the candidate and / or his family resides.

ANNEXURE-'B-1'

DECLARATION BY OBC CANDIDATE REGARDING NON-CREAMY LAYER STATUS

I, _____Son of Shri_____ resident of village/town/city_____district_____ State_____ hereby declare that I belong to _____ community which is recognized as a backward class by the Government of India for the purpose of reservation in services as per orders contained in DOP&T OM No. 36012/22/93-Estt. (SCT) dated 08.09.93. It is also declared that I do not belong to persons /sections (**Creamy Layer**) mentioned in column 3 of the Schedule to the above referred Office Memorandum dated 08.09.93.

Signature of the applicant (OBC Candidate)

ANNEXURE-'C'

FORM OF CERTIFICATE TO BE PRODUCED BY A CANDIDATE BELONGING TO SCHEDULED CASTE OR SCHEDULED TRIBE APPLYING FOR APPOINTMENT TOPOSTS UNDER THE GOVERNMENT OF INDIA

This is to certify that Shri/Shrimati/Kumari*_____son/daughter of _____of village/town*_____in District/ Division*_____of the State/Union Territory*_____belongs to the _____ Caste/Tribes which is recognised as a Scheduled Castes/Scheduled Tribes* under :-

The Constitution (Scheduled Castes) Order, 1950;

The Constitution(Scheduled Tribes) Order, 1950;

The Constitution (Scheduled Castes) (UnionTerritories) Order, 1951*

The Constitution (Scheduled Tribes) (Union Territories) Order, 1951*

(As amended by the Scheduled Castes and Scheduled Tribes (Modification) Order, 1956, the Bombay Reorganization Act, 1960, the Punjab Reorganization Act, 1966, the State of Himachal Pradesh Act, 1970, the North Eastern Areas Reorganization Act, 1971 and the Scheduled Castes and Scheduled Tribes Orders (Amendment) Act, 1976)

The Constitution (Jammu & Kashmir) Scheduled Castes Order, 1956.
The Constitution (Andaman & Nicobar Islands) Scheduled Tribes Order, 1959 as amended by the
Scheduled Castes and Scheduled Tribes order (Amendment Act), 1976*.
The Constitution (Dadra and Nagar Haveli) Scheduled Castes Order 1962.
The Constitution (Dadra and Nagar Haveli) Scheduled Tribes Order 1962 @.
The Constitution (Pondicherry) Scheduled Castes Order 1964 @.
The Constitution (Uttar Pradesh) Scheduled Tribes Order 1967 @.
The Constitution (Goa, Daman & Diu) Scheduled Castes Order 1968 @.
The Constitution (Goa, Daman & Diu) Scheduled Tribes Order 1968 @.
The Constitution (Nagaland) Scheduled Tribes Order 1970 @.
The Constitution (Sikkim) Scheduled Castes Order 1978 @.
The Constitution (Sikkim) Scheduled Tribes Order 1978 @.
The Constitution (Jammu & Kashmir) Scheduled Tribes Order 1989 @.
The Constitution (Scheduled Castes) Orders (Amendment) Act, 1990 @.
The Constitution (Scheduled Tribes) Orders (Amendment) Ordinance, 1991 @.
The Constitution (Scheduled Tribes) Orders (Second Amendment) Act, 1991 @.
The Constitution (Scheduled Tribes) Orders (Amendment) Ordinance, 1996

Contd...2/-

Contd. from pre-page...

%2. Applicable in the case of Scheduled Castes, Scheduled Tribes persons who have migrated from one State/Union Territory Administration.

This certificate is issued on the basis of the Scheduled Castes/ Scheduled Tribes certificate issued to Shri/Shrimati _____ Father/Mother of Shri/ Shrimati/ Kumari*_____ of village/town* _____ in District/Division* _____of the State/Union Territory* _____ who belong to the _____ Caste/Tribe which is recognised as a Scheduled Caste/Scheduled Tribe in the State/Union Territory* issued by the _____dated_____.

%3. Shri/Shrimati/Kumari _____ and /or* his/her family ordinarily reside(s) in village/ town* _____of District/Division*_____ of the State/Union Territory of_____.

Signature
Designation
(with seal of office)

Place _____

Date _____

* Please delete the words which are not applicable
@ Please quote specific Presidential Order
% Delete the paragraph which is not applicable.

NOTE: The term, ordinarily reside (s) used here will have the same meaning as in section 20 of the Representation of the People Act, 1950.

** The authorities competent to issue Caste/Tribe Certificates:

a) District Magistrate/Additional District Magistrate/Collector/Deputy Commissioner/Additional Deputy Commissioner/Dy. Collector/Ist Class Stipendiary Magistrate/Sub-Divisional Magistrate/Extra-Assistant Commissioner/ Taluka Magistrate/Executive Magistrate.
b) Chief Presidency Magistrate/Additional Chief Presidency Magistrate/ Presidency Magistrate.
c) Revenue Officers not below the rank of Tehsildar.
d) Sub-Divisional Officers of the area where the candidate and/or his family normally resides.

NOTE: ST candidates belonging to Tamil Nadu State should submit caste certificate ONLY FROM THE REVENUE DIVISIONAL OFFICER.

ANNEXURE – 'D'

FORM OF CERTIFICATE TO BE SUBMITTED BY THE CANDIDATES THOSE WHO INTEND TO AVAIL RELAXATION IN HEIGHT OR CHEST MEASUREMENT

Certified that Shri _____ S/O Shri _____ is permanent resident of village _____ Post_____ Tehsil/Taluka _____ District/Division _____ of _____State.

2. It is further certified that :-

* Residents of entire area mentioned above are considered as (Garhwalies, Kumaounies, Dogras, Marathas, Sikkimies) for relaxation in height and chest measurement for recruitment in the Para Military forces of the Union of India.

* He belongs to Himachal Pradesh/Leh & Laddakh/Kashmir Valley/North Eastern States and is considered for relaxation in height and chest measurement for recruitment in the Para Military forces of Union of India.

* He belongs to _____ Tribals/Adivasis Community and is considered for relaxation in height and chest measurement for recruitment in the Para military forces of the Union of India.

Dated :

Place :

Signature_____
District Magistrate/
Sub Divisional Magistrate/Tehsildar
(with seal of office)

* Delete/Strike of whichever is not applicable.

ANNEXURE– 'O' (Page 1-10)

SYLLABUS FOR TRADE TEST TO RECRUITMENT OF **SI(MASTER)** IN WATER WING CADRE

1 Identification of Parts

a)	Life raft	j)	Pneumatic finder
b)	GPS	k)	Anchor chain
c)	Radar	l)	D- Shackle
d)	Echo Sounder	m)	Winch
e)	Life Saving Equipments	n)	Mast
f)	Fire fighting Equipments	o)	Hydrographic Map
g)	Davit		
h)	Inter National Signal Flag O,H, Z, B		
i)	Identification of all navigational lights		
j)	Magnetic compass		
k)	Cradles		
l)	Anchor stockless		

2 Practical

a)	Placing of speed boat / Mechanized / Medium vessel at Jetty.
b)	Removing of Speed Boat / Mechanized / Medium vessel from Jetty.
c)	Placing of Speed Boat /Mechanized / Medium vessel alongside of other boats.
d)	Anchoring of Speed Boat / Mechanized / Medium Vessel in shallow water
e)	**Type of steering**
	i) Mechanical **ii)** Hydraulic

SYLLABUS FOR TRADE TEST TO RECRUITMENT OF **SI(ENGINE DRIVER)** IN WATER WING CADRE

1. Identification of Parts

a)	Gear Box	m)	Life Saving Equipment's
b)	Heat Exchanger	n)	Oil Seal
c)	Fresh Water Pump	o)	Armature
d)	Pressure timing Pump	p)	Carbon Bush
e)	Exhaust Manifold	q)	Inlet Value
f)	Alternator	r)	Outlet value
g)	Overflow line	s)	Piston
h)	Primary Filter	t)	Crank shaft
i)	Secondary Filter	u)	Connection Rod
j)	Hydraulic Tank	v)	Oil Pressure ring
k)	Turbo Charger	w)	Fire fighting Equipment's
l)	Needle Value		

2. Practical

a)	Starting engine
b)	Emergency Shutdown
c)	Identification of two stroke and four stroke engine
d)	Routine check of engine
e)	Fault finding in Engine
f)	Starting of Diesel Generator Set
g)	Routing check before starting Diesel Generator set.

SYLLABUS FOR TRADE TEST TO RECRUITMENT OF **HC(ENGINE DRIVER)** IN WATER WING CADRE

1. Identification of Parts of Engine

a)	Crank Shaft	m)	U J Cross joint
b)	Connection rod	n)	Self Starter
c)	Gudgeon pin	o)	Gauges – Temp / Pressure /AMP/ Tachometer
d)	Piston	p)	Sump
e)	Piston ring	q)	Quick Pinion
f)	Liner	r)	Fire Fighting Equipments
g)	Injector	s)	Fuel Injection Pump
h)	Cam Shaft	t)	Roller bearing
i)	Push rod		
j)	Rocket Arm		
k)	Needle bearing		
l)	Carburetor flout		

2. Practical

Identification of POL :

a)	Petrol	Smelling and touch be allowed for candidates
b)	Diesel	-do-
c)	Grease	-do-
d)	M-Oil	-do-
e)	Castrol 2T (Green)	-do-
f)	Starting Engine	
g)	Identification of two stroke and four stroke engine.	
h)	Checking the charge / gravity of Battery	
i)	Routine check of Engine	
j)	Fault finding in Engine.	

SYLLABUS FOR TRADE TEST TO RECRUITMENT OF **HC(MASTER)** IN WATER WING CADRE

1 Identification of Parts

a)	Anchor i) Graphical ii) Den fort iii) CQR	j)	Compass
b)	Navigation Lights i) Red (Port) ii) Green (STBD)	k)	Fire Fighting Equipments (Foam type and Dry Chemical powder)
c)	Keel	l)	Life saving equipments
d)	Hull	j)	Gauges
e)	Propeller	k)	Pneumatic Finder
f)	Propeller shaft	l)	Railings
g)	Hand Held GPS	m)	Anchor Chain
h)	D-Shackle	n)	Mast
i)	Hydrographic Map	o)	Monkey Deck

2 Practical

a)	Placing of speed boat at Jetty.
b)	Removing of Speed Boat from Jetty.
c)	Placing of Speed Boat alongside of other boats.
d)	Anchoring of Speed Boat in shallow water
e)	**Type knots in ropes**
	i) Figure 8 ii) Clove Hitche

SYLLABUS FOR TRADE TEST TO RECRUITMENT OF **HC (WORKSHOP) MECHANIC (DIESEL & PETROL) / MOTOR MECHANIC IN** WATER WING CADRE

1 Identification of Parts

a)	Crank Shaft	k)	Fuel injection pump
b)	Connecting rod	l)	Roller bearing
c)	Gudgeon pin	m)	Needle bearing
d)	Piston	n)	Carburetor flout
e)	Piston ring	o)	U J Cross Joint
f)	Liner	p)	Self starter
g)	Injector	q)	Gauges – Temp / Pressure / AMP / Tachometer.
h)	Cam shaft	r)	Sump
i)	Push rod	s)	Quick Pinion
j)	Rocker Arm	t)	Fire Fighting Equipment

2 Practical

i)	Piston , Gudgeon pin connecting rod assembling
ii)	Fitting of Carburetor
iii)	Idle RPM setting
iv)	Fitting of Spark plug
v)	Fitting of Self starter

SYLLABUS FOR TRADE TEST TO RECRUITMENT OF **HC (WORKSHOP) MACHINIST** IN WATER WING CADRE

1 Identification of Parts

a)	Round file	j)	Dye
b)	Triangular file	l)	Cutting tool
c)	Half Round File	m)	Boring tool
d)	Cutter	n)	Outer caliper
e)	Grinder	o)	Inner caliper
f)	Drill Machine	p)	Vernier caliper
g)	Hand drill machine	q)	Micro meter
h)	Drill bits	r)	Thread guage
i)	Tape	s)	Drill Bits

2 Practical

i)	Straight cutting of rod by using hacksaw.
ii)	Block surface thickness down in a given dimension by using file or machine.
iii)	Straight cutting of pipe by using hacksaw.
iv)	Straight cutting of angle iron by hacksaw.
v)	Straight cutting of metal sheet at least 5 cm by hacksaw.
vi)	Least count of micrometer / vernier caliper.

SYLLABUS FOR TRADE TEST TO RECRUITMENT OF **HC (WORKSHOP) WELDER** IN WATER WING CADRE

1 Identification of Parts

a)	Transformer	h)	Acetylene cylinder
b)	Welding cable	i)	Oxygen cylinder
c)	Welding holder	j)	Regulator
d)	Welding hand shield	k)	Hose pipe
e)	Welding goggles	l)	Welding torch
f)	Hand gloves	m)	Flex
g)	Gas lighter		

2 Practical

i)	Flat joint of 5mm x 2.5 cm x 10 cm – 02 nos
ii)	T joint 5mm x 2.5cm x 10 cm – 02 nos
iii)	Bud joint 5mm x 2.5cm x 10 cm – 02 nos
iv)	Edge joint 5mm x 2.5 cm x 10cm – 02 nos
v)	Re-metalling of shaft / rod
vi)	Overlapping point q
vii)	Connecting of welding cable

SYLLABUS FOR TRADE TEST TO RECRUITMENT OF **HC (WORKSHOP) CARPENTER** IN WATER WING CADRE

1 Identification of Parts

a)	Hand saw	h)	Out side caliper
b)	Rig saw	i)	Oil stone
c)	Planner	j)	Rough file
d)	Chisel	k)	Triangular file
e)	Measuring tape	l)	Round file
f)	Hand Drill Machine	m)	Pincers
g)	Tri Square		

2 Practical

i)	Making of T-Joint
ii)	Making of Overlapping point
iii)	Making of Dove Point
iv)	Rivet Joint
v)	15 cm of straight cutting of wooden plank by using handsaw
vi)	Straight cutting of wooden beam by handsaw

SYLLABUS FOR TRADE TEST TO RECRUITMENT OF **HC (WORKSHOP) ELECTRICIAN** IN WATER WING CADRE

1 Identification of Parts

a)	Combination pliers	k)	Sodium lamp
b)	Screw Driver	l)	Mercury lamp
c)	Electric tester	m)	MCB
d)	Multi meter	n)	Fuse
e)	Cutting pliers	o)	Starter Switch
f)	Transformer	p)	Main Switch
g)	DC Bulb	q)	UPS
h)	AC Bulb	r)	Electric Switch 15A
i)	CFL	s)	Electric Switch 6A
j)	Halogen lamp	T	Voltage Regulator fan

2 Practical

i)	Shelf starter assembling dissembling	For DC/Auto electrician trade only
ii)	Alternator assembling or dissembling	-do-
iii)	Battery in series and parallel	
iv)	Armature testing	
v)	Field coil testing	
vi)	Primary coil testing	
vii)	Secondary coil testing	

SYLLABUS FOR TRADE TEST TO RECRUITMENT OF **HC (WORKSHOP) FITTER** IN WATER WING CADRE

1 Identification of Parts

a)	Flat file
b)	Round file
c)	Triangular file
d)	Half round
e)	Needle file set
f)	Try square
g)	Chisel
h)	Scissors
i)	Hammer

2 Practical

i)	5cm x 10cm size marking / cutting from any sheet of 1mm thickness
ii)	Making of 12mm dia size of 10mm drill hole by using round file
iii)	Straight cutting of angle iron by using hacksaw blade
iv)	Straight cutting of metal sheet at least by 5cm by hacksaw
v)	Straight cutting of pipe
vi)	Least count of micrometer / vernier caliper

SYLLABUS FOR TRADE TEST TO RECRUITMENT OF **HC (WORKSHOP) AIR CONDITIONER TECHNICIAN** IN WATER WING CADRE

1 Identification of Parts

a)	Compressor	j)	Flaring tool
b)	Condenser	k)	Adjustable spanner
c)	Evaporator	l)	Pipe cutter
d)	Cooling coil	m)	Pulley puller
e)	Suction pipe	n)	Combination pliers
f)	Thermo state valve	o)	Nose pliers
g)	Screw driver	p)	Star screw driver
h)	Combination pliers		
i)	Gauge manifold		

2 Practical

i)	Filter cleaning
ii)	Flaring of pipe
iii)	Gas Refilling
iv)	Thermal insulation of the copper pipes
v)	Maintenance of AC unit.

SYLLABUS FOR TRADE TEST TO RECRUITMENT OF **HC (WORKSHOP) ELECTRONICS** IN WATER WING CADRE

1 Identification of Parts

a)	Keyboard	m)	MOSEFT
b)	Mouse	n)	Electrolyte capacitor
c)	Monitor	o)	Paper capacitor
d)	Printer	p)	Fuse
e)	CPU	q)	CD
f)	UPS	r)	Relay
g)	IC	s)	Soldering iron
h)	Micro Chip	t)	Flex
i)	Transformer	u)	Solder wire
j)	Resistance	v)	Multi meter
k)	Transistor	w)	Volt meter
l)	Diode	x)	Electric meter

2 Practical

i)	Soldering of transistor on circuit board
ii)	Measuring of voltage
iii)	Measuring of current
iv)	Measuring of Resistance
v)	Relay testing
Vi	Diode Testing

SYLLABUS FOR TRADE TEST TO RECRUITMENT OF **HC (WORKSHOP) PLUMBER** IN WATER WING CADRE

1 Identification of Parts

a)	Pipe Wrench	j)	Solvent (Chemical to pasting PVC pipes.)
b)	Adjustable Spanner	k)	Cotton Waste
c)	Combination pliers	l)	Gate valve
d)	Dye	m)	Waste pipe
e)	Bend (PVC) or (GI)	n)	Ball valve
f)	Elbow (PVC) or (GI)	o)	Coupling PVC pasted type
g)	Coupling (GI)		
h)	Pipe nipple (GI)		
i)	Tap		

2 Practical

i)	Joint the pipe using coupling
ii)	Joint the two PVC pipe of same size by making overlap coupling
iii)	Fitting of tap
iv)	Fitting of valves
v)	Making thread in PVC threaded pipe by using dye.

SYLLABUS FOR TRADE TEST TO RECRUITMENT OF **HC (WORKSHOP) UPHOLSTERY** IN WATER WING CADRE

1 Identification of Parts

a)	Hammer
b)	Combination pliers
c)	Punching tool / machine
d)	Thread (Cotton or Nylon)
e)	Leather stitching machine
f)	Resin cloth
g)	Marking cloth
h)	P U foam
i)	Velvet cloth
j)	Dendrite

2 Practical

i)	Stitching of cushion cover
ii)	Joining of Resin cloth
iii)	Pasting of Foam by Dendrite to increase the thickness / length
iv)	Sizing of Foam
v)	Measuring of Cushion cover

SYLLABUS FOR TRADE TEST TO RECRUITMENT OF **HC (WORKSHOP) PAINTER** IN WATER WING CADRE

1 Identification of Parts

a)	Writing brushes various sizes
b)	Spray gun
c)	Painting Brush
d)	Aluminum Paint
e)	Reflector Paint
f)	Normal paint
g)	Metallic
h)	Primer
i)	Putty
j)	Oil Paint
k)	Water Paint (clear)
l)	Thinner

2 Practical

i)	Numerical writing
ii)	Alphabet writing
iii)	Border Marking
iv)	Spray painting
v)	Stencil cutting number or alphabet
vi)	Using of thinner

SYLLABUS FOR TRADE TEST TO RECRUITMENT OF **HC (WORKSHOP) TURNER** IN WATER WING CADRE

1 Identification of Parts

a)	Facing tool
b)	Gear liver
c)	Turning tool
d)	Chambering tool
e)	Spanners
f)	Combination pliers
g)	Screw Drivers
h)	Outer caliper
i)	Inside Caliper
j)	Micro meter
k)	Vernier Caliper
l)	Try Square
m)	Steel Rule
n)	Measuring Tape

2 Practical

i)	Facing
ii)	Turning
iii)	Chambering
iv)	Outer thread
v)	Drilling
vi)	Least count of micrometer / vernier caliper

SYLLABUS FOR TRADE TEST TO RECRUITMENT OF **CT (CREW) ENGINE SIDE (GREASER)** IN WATER WING CADRE

1. **Identification of Parts of Engine**

a)	Fly Wheel
b)	Dynamo
c)	Self – Starter
d)	Radiator
e)	Spark Plug
f)	Nylon rope
g)	Carburetor
h)	Piston
i)	Battery cable high tension
j)	Speedo meter
k)	Battery (normal / maintenance free, type)
l)	Fire Extinguisher (Seize fire)

2. **Practical**

Identification of POL :

a)	Petrol	Smelling and touch be allowed for candidates
b)	Diesel	-do-
c)	Grease	-do-
d)	M-Oil	-do-
e)	Castrol 2T (Green)	-do-
f)	Checking of charge / Gravity of electrolyte in battery by using hydrometer.	
g)	Identification of positive and negative pole of battery	
h)	Rolling of rope on ground / deck.	
i)	Type of knots in ropes.	

i. Figure 8
ii. Clove Hitche