

**ACCESS CONDITION IN CONFORMITY WITH IAB DIRECTORY 020  
INTERNATIONAL WELDING COORDINATION PERSONNEL (IWCP)**

For admission to ATB following Course Guideline IAB 252-r3-2016 or Latest

**ACCESS CONDITIONS FOR INTERNATIONAL WELDING ENGINEER (IWE)****STANDARD ROUTE****ROUTE-1:**

- Degree in Engineering from a recognised University, Institute or College.  
**OR**
- Pass in *any one of the following professional Examinations*, recognised as equivalent to a Degree in Engineering by the Government of India.
  - (i) Associate Membership Examination of the Indian Institute of Welding,
  - (ii) Associate Membership Examination of the Institution of Engineers (India),
  - (iii) Associate Membership Examination of the Indian Institute of Metals,
  - (iv) Graduate ship Examination of the Indian Institute of Foundrymen,
  - (v) Electrical and Mechanical Engineering Officers Degree of College of Military Engineering, Kirkee
  - (vi) Final passing Certificate of Directorate of Marine Engineering Training, Govt. of India,
  - (vii) Special Class Apprenticeship Courses of Indian Railway Institute of Mechanical and Electrical Engineering, Jamalpur.
  - (viii) Basic engineering Course of 'E' and 'L' Officers, Marine Engineering Specialisation Course, Ex-Upper yardmen – Sub/Lt (E) Professional of I.N.S. 'Shivaji', Naval College of Engineering, Lonavala,
  - (ix) Electrical Specialisation Course, Ex-Upper yardmen – Sub/Lt (L) professional course of I.N.S. 'Valsura', Jamnagar.
  - (x) Diploma in Aeronautical Engineering, Automobile Engineering of Madras Institute of Technology, Chennai.
  - (xi) Any Other Similar Professional Course to be equivalent, Recognised by the Government.

**ROUTE-2**

- Route-1  
**AND**
- The candidate shall furnish proof that, he has either through the general requirement or through subsequent courses and tests, he has studied and passed the basic parts of the course (IWE Part-I), before he is exempted from attending Part I of the course and is allowed to appear at the Intermediate Examination. (Ref IAB Guideline-252r3-16 Diagram 1 or any latest version as applicable)

The following additional conditions shall be observed for the different routes through the IWE course (Ref IAB Guideline -252r3-16)

- Students having authenticated evidence that they have passed the examination in all subjects of their Bachelor of Engineering Degree studies but still have to complete the Thesis allowed to attend Part 2 & Part 3 of the IWE Course and the corresponding written parts of the final examination.
- Students shall present their Degree diploma to the Board of Examiners before being allowed to take the final Oral Examination for IWE

**ACCESS CONDITIONS FOR INTERNATIONAL WELDING TECHNOLOGIST (IWT)****STANDARD ROUTE****ROUTE-1:**

- Diploma in Engineering (Minimum of 3 years full time study) after Secondary Education.

**ROUTE-2:**Route-1 And

- The candidate shall furnish proof that, he has either through the general requirement or through subsequent courses and tests, he has studied and passed the basic parts of the course (IWT Part-I), before he is exempted from attending Part I of the course and is allowed to appear at the Intermediate Examination. (Ref IAB Guideline -252r3-16, Diagram 2 or any latest version as applicable)

**ACCESS CONDITIONS FOR INTERNATIONAL WELDING SPECIALIST (IWS)****STANDARD ROUTE****ROUTE-1**

Fulfilling the general guideline for Access Condition

- Professional Technician Certificate of minimum 2 years of study after Secondary Education & A minimum age of 21 years including 2 years of job related experience.

Or

B.Sc in Physical Sciences\* with 5 years total industrial Experience in Welding.

*\*Compared to two years study after Secondary Education for Professional Technician Certificate, a Degree in Physical Science takes additional 3 years i.e total of 5 years after Secondary Education and normally covers subjects like Physics, Chemistry etc*

**ROUTE-3**

(Ref IAB Guideline -252r3-16, Diagram 3)

- Qualified as an International Welding Practitioner (IWP) with 2 years' experience and age above 21 years
- or
- Qualified as a professional worker in metal working professions and a minimum of 3 years experience in welding related activities and a minimum age of 22 years.

A person shall be deemed to be a qualified as a professional worker in metal working if

- i. he has passed the Secondary School Examination from a State or Central Board with English, Mathematics and Science, or equivalent
  - ii. he has passed a Professional Training Certificate Course in a metal working trade from an industrial training institute of a State or Central Government, or he has undergone apprenticeship in an industry of two or more years duration and has qualified as a professional metal worker by passing theoretical and practical examinations.
- Candidates who enter from the Practitioner (IWP) or Professional Worker (Route 3) must pass an entry test covering the syllabus of IWS-0 if required by ANB at its discretion.

- A candidate who fails the entry test or a candidate who feels he lacks the necessary basic technical education should attend the preparatory IWS-0 Course at an ATB.

**ACCESS CONDITIONS FOR INTERNATIONAL WELDING PRACTITIONER (IWP)****STANDARD ROUTE****ROUTE-1:**

**Access Condition for IWP:** No specific National criteria are required for this route. The General criteria are to be followed as given in the IAB Guideline. The course is intended to build theoretical knowledge and practical welding skill.

1. Must complete Secondary Education from a State or Central Board, or equivalent,
2. Possess a valid welder approval qualification as per ISO 9606 in one of the welding processes listed in 5.2 of ISO 9606 in position H-L045 ss nb, or ASME IX 6G or equivalent, or hold a valid welder approval as a plate welder according to ISO 9606 at least in one process in PE ss nb or PC & PF ss nb, or national equivalent.
3. Be of minimum age of 21 years including 3 years of job related experience as a certified welder,
4. At the discretion of the ANB, a candidate may be required to have his welder approval qualification revalidated.

In case of arrangement with a technical colleges/training Institute according which IWP Part 1 of the curriculum structure is presented under careful control of the ANB, the participant is allowed to enter the IWP Course through Route 2 of 3.4 Diagram 4 (Ref IAB Guideline -252r1-11)