



The Indian Institute of Welding-ANB
Authorised National Body of the International Institute of Welding in India
Centre for Welding Education,
Reba Nibas, 2nd Floor, 8/19 Fern Road, Kolkata – 700 019, INDIA.
E Mail: anb@iiwindia.com, anbindia.iw@rediffmail.com
Phone: +91 33 2460 5622, Website: <http://www.iiwindia.com>



APPLICATION FORM FOR QUALIFICATION TO IWE / IWT
BY ALTERNATIVE ROUTE

Part – A

1. Name: _____
2. Date of Birth (dd/mm/yyyy): _____
(Enclose attested copy of date of birth)
3. Mailing Address: _____

**Paste attested
Photograph
(Passport Size)**

Phone No. (City Code + No.): (Off): _____ (Res): _____

Email id: _____

4. Application under Alternative Route for course (please \surd any one): IWE / IWT
5. Details of crossed D.D. Enclosed: No.: _____ Date: _____ on Bank
_____ for Rs. _____.
6. Are you a member of the Indian Institute of Welding? Yes | No
7. If yes, Membership Number _____.

"I understand that by applying through the Alternative Route and after acquiring the diploma I will be responsible for its correct use and shall take measures to prevent misuse such as modifications of its content. In the case of misuse the ANB can initiate legal activities against the diploma holder".

Date: _____

Signature

FOR OFFICE USE ONLY

REGISTRATION NUMBER ALLOTTED:

Part – A (Contd.)

8. Academic & Technical Qualifications (from Class X onwards).

S. No.	Examination Passed	Board / Institute / University	Specialisation	Year of Passing	% Marks / Grade Point obtained
1.					
2.					
3.					
4.					
5.					

- N.B.:**
1. Use additional sheets if necessary
 2. Enclose attested copies of Certificates and Mark Sheets.
 3. In case Certificate / Mark Sheet is in a language other than English, enclose an English Translation Certified by the Head of the Deptt. / Head of Institution / Gazetted Officer.

9. Details of other Professional Examinations Passed or Certificates obtained

S. No.	Examination Passed	Organising Institution	Specialisation	Year of Passing	% Marks / Grade (if any)
1.					
2.					
3.					

- N.B.:**
1. Use additional sheets if necessary
 2. Enclose attested copies of Certificates and Mark Sheets.
 3. In case Certificate / Mark Sheet is in a language other than English, enclose an English Translation Certified by the Head of the Deptt. / Head of Institution / Gazetted Officer.

10. Details of additional Training in welding or related areas undergone

S. No.	Name of Training	Name of Organisation	Duration		Details of Certificate(s) obtained
			From	To	
1.					
2.					
3.					

- N.B.:**
1. Use additional sheets if necessary
 2. Enclose attested copies of Certificates and Mark Sheets.
 3. In case Certificate / Mark Sheet is in a language other than English, enclose an English Translation Certified by the Head of the Deptt. / Head of Institution / Gazetted Officer.

Part – A (Contd.)

11. Details of Employment

S. No.	Name of Employer	Status / Position	Duration		Nature of Duties	Reasons of Leaving
			From	To		
1.						
2.						
3.						

- N.B.:**
1. Use additional sheets if necessary
 2. Enclose attested copies of Employers Certificates.
 3. In case Certificate is in a language other than English, enclose a self attested English Translation

12. Enclose a curriculum vitae (C.V.) / resume containing professional information, including

- Evidence of education / training courses passed / attended, after Diploma / Degree Certificate
- Evidence of job function(s) after Diploma / Degree / Training course, including position(s) held, job(s) executed, and the level of responsibility (Welding Engineer / Welding Technologist).
- Full details for assessment as in Part B enclosed (Attach proof wherever available)
- Any other relevant professional achievement(s):

P.S.: Enclose attested copies of documents in support of the above.

13. Enclose 5 Nos Passport size recent photographs of front face signed on the reverse

14. List of Enclosures (number the enclosures).

- (1)
- (2)
- (3)
- (4)
- (5)
- (6)
- (7)
- (8)

15. Declaration: I have read the Prospectus, and I agree to abide by the Rules and Regulations concerning assessment for IWE / IWT under Alternative Route.

Place: _____

Signature of Candidate

Date: _____

APPLICATION FORM - PART B**FOR QUALIFICATION TO IWE & IWT BY ALTERNATIVE ROUTE****IAB Guideline on Curriculum for International Welding Coordination Personnel
Module I : Welding Processes and Equipment**

SI No	Topic	Points for detailed Assessment	Details: How knowledge acquired Courses, Training, Professional work, Self study
1	Manual Metal Arc Welding (Process 111)	3	
2	Tungsten Inert Gas –TIG (Process 141) Plasma (Process 16)	2	
3	Metal Inert Gas (Process 131)	2	
4	MAG (Process135)	2	
5	Flux Cored (Process 114, 136, 137)	3	
6	Brazing Methods (Process 91, 93, 97)	2	
7	Thermal Cutting (Process 81, 82, 83)	2	
8	SAW (Process 12)	3	
9	Other Methods	3	
	TOTAL	22	

Date: _____

Signature of Candidate

APPLICATION FORM - PART B**FOR QUALIFICATION TO IWE & IWT BY ALTERNATIVE ROUTE****IAB Guideline on Curriculum for International Welding Coordination Personnel
Module II: Materials & their Behaviour during Welding**

SI No	ITEM Matl Ref CR ISO/TR 15608	Points for detailed Assessment	Details: How knowledge acquired Courses, Training, Professional work, Self study
1	Carbon & Low Alloy Steel Groups 1 to 3 & 11	4	
2	Cr, Mo & V Steels Groups 4 to 6	2	
3	Ferritic & Martensitic Steels Group 7	3	
4	Austenitic & Austenitic/Ferritic Steels Groups 8 & 10	4	
5	Steel - Nickel Alloys (10% Ni Max) Group 9	1	
6	Aluminium & its Alloys Group 21-26	3	
7	Copper and its Alloys Group 31-38	1	
8	Nickel & its Alloys Group 41-48	1	
9	Ti, Zr & its Alloys Groups 51-54 & 61-62	1	
10	Cast Iron Group 71-76	1	
	TOTAL	21	

Date _____

Signature of Candidate

APPLICATION FORM PART B
FOR QUALIFICATION TO IWE & IWT BY ALTERNATIVE ROUTE

Page 3

IAB Guideline on Curriculum for International Welding Coordination Personnel
Module III : Construction & Design

SI No	Topic	Points for detailed Assessment	Details: How knowledge acquired Courses, Training, Professional work, Self study
1	Stresses and Strains	5	
2	Design of Welded Structures Static Loading	3	
3	Design of Welded Structures Dynamic Loading	3	
4	Joint Design & Design Principles of welded structures	4	
5	Design of Structures of Aluminium and its Alloys	4	
	TOTAL	19	

Date _____

Signature of Candidate

APPLICATION FORM - PART B
FOR QUALIFICATION TO IWE & IWT BY ALTERNATIVE ROUTE

IAB Guideline on Curriculum for International Welding Coordination Personnel
Module IV : Fabrication & Application Engineering

SI No	Topic	Points for detailed Assessment	Details: How knowledge acquired Courses, Training, Professional work, Self study
1	Quality Assurance in Welded Fabrication	4	
2	Quality Control during Manufacture	3	
3	Welding stresses and Distortion	4	
4	Plant facilities, Jigs & Fixtures	2	
5	NDT	3	
6	Welding Economics	2	
7	Health and Safety	2	
8	Repair Welding	2	
	TOTAL	22	

Date _____

Signature of Candidate

Information Sheet for Applicants for IWE / IWT under Alternative Route.

Essential Qualifications : (As per Standard access condition)

- **IWE** – An Engineering degree or equivalent with Minimum 4 years job function (during last 6 years) at responsibility level of IWE
- **IWT**– A Technology degree / diploma or equivalent with Minimum 4 years job function (during last 6 years) at responsibility level of IWT

Curriculum Vide / Resume :

This should include details of candidates education, training and experience in Welding and welding related area at responsibility level of IWE / IWT as applicable, together with details of knowledge acquired in each of the items of the Four Modules as set out in Part – B of the Application Form.

The candidates may refer to the short version of the “**IAB Curriculum Guideline**” and a “**Summary of Metallic Material Grouping System: ISO/TR 15608**” for assisting them in filling up the Form. Both the documents may be downloaded from our website www.iwindia.com under the Welding Coordination (IWCP) ‘Downloads’ of International qualification section.

Professional Assessment Interview (PIA)

After thorough Assessment of Application and all documents, if a candidate obtains at least 50 % in each Module, he has to appear for the Professional Assessment Interview (PAI) of 1 hr duration for IWE and 45 minutes duration for IWT.

Project Work :

After passing in the Professional Assessment Interview, the candidate is assigned a

- Project of 80 hrs. duration to be completed within 4 weeks after being intimated by the IIW-India ANB for IWE
- Project of 60 hrs duration to be completed within 3 weeks after being intimated by the IIW-India ANB for IWT

The Project Work may include a practical part and may be based on the candidate’s actual job experience and work.

After completion of the project, the candidate has to submit a report and make an oral presentation before a constituted Board of Examiners.

Final Examination :

After satisfactory completion of the Project and the oral presentation, the candidate is allowed to appear in the Final Examination consisting of a written examination in each of the 4 Modules followed by an oral examination. After successful completion of the Final Examination, the candidate is awarded the Diploma of IWE / IWT.