

Associate Membership of The Indian Institute of Welding (AM-IIW) Examinations

(Revised in June 2020)

Introduction

Welding Engineering and Technology is the backbone of varied industries such as construction, fabrication, ship building, power generation, pressure vessels, underwater piping, desalination plants, automobile, etc. Only few institutions are offering undergraduate and post graduate courses in Welding Engineering and Technology. The professionals working in industries, having a diploma or degree in traditional engineering branches have few avenues for improving their knowledge and expertise in the area of welding and joining to keep pace with the continued developments taking place.

Keeping the above points in view, a scheme of Associate Membership of The Indian Institute of Welding (AM-IIW) Examinations was prepared by The Indian Institute of Welding, and Enrollment to the first batch of candidates for the Associate Membership of The Indian Institute of Welding (AM-IIW) Examinations was started in 1988.

Subsequently, The Indian Institute of Welding has forwarded a scheme of Associate Membership of The Indian Institute of Welding (AM-IIW) Examinations to the Ministry of Human Resource and Development (MHRD) in 1996 seeking its recognition. This case was referred to the AICTE by the MHRD, and based on the comments from the experts of the AICTE, New Delhi in 1997, some revisions in the Curriculum and Syllabus were incorporated and the matter was reconsidered by the AICTE on September 27 2000 and the MHRD accorded recognition to AM-IIW Examinations, and a Gazette Notification was made to this effect on November 18 2000. The Gazette Notification states:

“On the recommendations of the High Level Committee for Educational Qualifications, the Government of India have decided that Associate Membership Examination of the Indian Institute of Welding Calcutta is to be treated as a recognized qualification for the purpose of employment under the Central Government to the posts and service for which Bachelor’s degree in Engineering in the appropriate field is a prescribed qualification.”

However, in December 06 2012, MHRD decided that

“(ii) All those students who are enrolled with the institutions with permanent recognition upto 31.05.2013 would be eligible for consideration in accordance with MHRD office memorandum/ order in force pertaining to their course for equivalence in Central Government jobs. However, these concerned orders will cease to have effect from 01.06.2013 onwards.

(iii) After 31.05.2013, based on the review by the regulator i.e. AICTE, a decision on continuation of the certification of equivalence of degree/ diploma shall be taken by statutory regulator.”

The Indian Institute of Welding has presented the detail of Associate Membership of The Indian Institute of Welding (AM-IIW) Examination before the committee constituted by the AICTE to review Professional Bodies/ Institutions in the field of Technical Education on July 04 2017 at the AICTE Head Quarters, New Delhi as invited by the AICTE. The final recommendation from the AICTE is awaited.

Meanwhile, The Indian Institute of Welding has decided to reframe course and curriculum of the Associate Membership of The Indian Institute of Welding (AM-IIW) Examinations of its own, and from June 2020 onwards, new enrollment of candidates to this AM-IIW Examination would commence. The candidates who have passed, or would pass, the AM-IIW Examination, will be awarded as a ‘National Welding Engineer’.

AM-IIW Examination System

AM-IIW Examination system is an educational programme and certification examination in the field of Welding Engineering. The course curriculum, syllabi and the examination have been so designed that a candidate passing out these examinations may be considered to have enough knowledge in the field of welding and joining. The Indian Institute of Welding, under its consideration, is holding this qualifying professional examination having the same standard as that of a Bachelor degree in Engineering offered by a recognised Indian or foreign University.

The Institute conducts AM-IIW examination all over India based on its own course designed to meet industry need. Examination is conducted twice a year, i.e. in Summer and Winter.

AM-IIW has been recognized by the International Institute of Welding (HQ at Paris, France/ Jenoa, Italy) as the entry qualification for the International Diploma like International Welding Technologist (IWT), or International Welding Engineer (IWE), etc. after fulfilling some eligibility criterion, attending a course and passing an examination conducted by IIW-India ANB under the authority of International Institute of Welding with guidelines from 'International Authorisation Board' (IAB).

Engineering Diploma students in a 3-year course will be allowed to register for AM-IIW Examinations in the final year, and 4-year engineering degree students studying in the 3rd and 4th year are eligible to register. Registration will be valid for six years.

A Bachelor of Engineering candidate is exempted from appearing in examinations of some papers that one has passed during their regular course. Any candidate may also seek exemption from appearing in a paper if one passes a similar paper through Massive Online Open Courses (MOOCs) such as NPTEL, etc. The decision on exemption will be taken based on one individual's claim for exemption with relevant documents related to the detailed course content and that a candidate has passed the paper successfully.

After one passes all non-exempted papers and completing an approved Project work on a welding related case study/ problem and Viva Voce as per IIW-India rule, one becomes eligible to become The Associate Member of The Indian Institute of Welding. He will also be awarded as a 'National Welding Engineer'.

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