

bonding is another area in which many reactive metals can be joined without much complication, but it is rarely used. The use of flux-cored welding although having made a start, has not been applied even today. Progress depends on the technologists' realisation that much remains to be done to improve our standard of welding and in choosing the optimum process for each application. The Indian Institute of Welding has been doing a commendable job for the last 25 years in promoting the science and art of welding in the country. It has been holding training and appreciation courses for our welders, supervisors and engineers. Welding seminars and lectures by experts in their respective fields are being organised. I understand that the Institute is also conducting examinations to qualify students as Associate members, since we do not have regular courses on welding in our Polytechnics, Universities and IITs except for a few Post-Graduate courses. This effort by the Indian Institute of Welding is most commendable. However, simpler training courses in regional languages may be added to train our welders. The Indian Institute of Welding, Calcutta needs to be congratulated for holding such industry-wide seminars for the past few years. I hope that the delegates and participants in today's seminar will be benefited from the deliberations and I wish you great success. □

A Retrospect

By N.K.Sarkar, *Central Council Member*

Twenty second day of April, 1966 is a red letter day for all the lovers of Welding technology and its allied subjects in India, as on this day, our Indian Institute of Welding was incorporated as a limited Company under the Company Act, 1956.

There was no National Institute of Welding in India then to foster the technical development of welding. It was therefore essential that such a Technical Association was formed, at the earliest opportunity so that the development of welding could be guided in the proper channel and India can take its rightful part in National as well as International activities in the field of welding.

With this in mind, few members few the earstwhile Indian chapter of the Welding Institute, London met on 5th May, 1960 under the chairmanship of Late Sir L.P.Mishra, the then General Manager of the Hindusthan Motors Ltd., Calcutta at 48/1, Diamond Harbour Road, Calcutta, the then Head Office of the Indian Oxygen Ltd. They agreed to form the Indian Institute of Welding for the purpose of prompting the advancement of science and practice of welding and its allied subjects incidental thereto.

The following are the founder members :

Mr. D.S. Desai	:	M/s M. N. Dastur & Co (P) Ltd.
Mr. M.N. Dastur	:	Calcutta
Mr. P.K. Mallik	:	M/s Bum & Co Ltd., Howrah
Mr. *S. Basu	:	Consulting Naval Architect, Calcutta.
Mr. A.K. Sen	:	
Mr. J.A. Mulyil	:	
Mr. V.R. Subramanian	:	Indian Oxygen Ltd., Calcutta.
Mr. *R. Ghosh	:	
Mr. *K. Hartley	:	
Mr. S.S. Mukherjee	:	S. E. Rly., Calcutta.
Mr. S. K. Pathak	:	Braithwaite & Co., Calcutta.
Mr. V. Venkatesan	:	
Mr. B.N. Bhattacharya	:	D. G. S. & Inspection Wing, Calcutta.
Mr. *B. N. Majumdar	:	D. G. S. & D., Calcutta.
Mr. B.N. Banerjee	:	Bridge & Roof co. (India), Calcutta.

* Gentlemen are not alive

Started with modest fifteen members, the Institute now has more than 2500 members throughout the country and abroad. Bangladesh Welding Electrodes Pvt. Ltd., are also our member.

The First meeting of the subscribers (members) was held on 18th May, 1966 at 48/1 Diamond Harbour Road, Calcutta and elected the first Council as under :

President	:	Mr. S.K. Datta
Vice President	:	Mr. D.S. Desai Mr. S.S. Mukherjee
Hony. Secretary	:	Mr. S. Basu
Hony. Treasurer	:	Mr. V. Venkatesan
Chairman General Purpose Committee	:	Mr. K. Hartley
Members	:	Mr. S. Pathak Mr. P.K. Mallik Mr. B.N. Bhattacharya

Tiruchirapalli was the first branch formed on 12th September, 1971, followed by Madras (17th January, 1973), Bombay (2nd February, 1973), Calcutta (12th March, 1973), Delhi (19th November, 1976), Vishakhapatnam (10th October, 1978), Bangalore (6th November, 1978), Cochin (23rd August, 1979) and Jamshedpur (17th August, 1983).

The first Welding Seminar was held at Calcutta on 28th and 29th April, 1967. The Bombay branch initiated the Silver Jubilee Celebration on 22nd April, 1990, with technical lectures and felicitations to Shri S. V. Nadkarni, the doyen of Indian Welding Industry and the past President of the Institute. The Bombay branch also organised the Silver Jubilee Seminar At Bombay from 22nd to 24th November, 1990 when about 320 delegates from India and abroad had participated 55 technical papers were presented during the Seminar.

Today, our Institute is a member of the International Institute of Welding. Delegations from our Institute attended the Annual Assembly of the International Institute of Welding held in Japan from 12th to 16th July, 1969 for the first time. Three member delegation was led by Late Mr. K. Hartley then President of our Institute. Other members were Mr. I. T. Mirchandani of M/s Advani-Oerlikon Ltd., Bombay and Mr. J. K. Ahluwalia of M/s Advani-Oerlikon Ltd., Bombay. Thereafter almost every year our members had been attending the Annual Assembly and presenting technical papers.

Mr. I. T. Mirchandani, then President of our Institute was elected Vice-President of the International Institute of Welding from 1977 to 1980. Mr. S. V. Nadkarni of M/s Advani-Oerlikon Ltd., Bombay was nominated as the chairman of the newly constituted "working groups of liaison with the Developing Countries" during the Governing Council meeting of the International Institute of Welding held at Ljubljana, Yugoslavia in 1982.

A unique event in the history of our Institution was the 3-week visit to Japan of 18 of our members led by Shri D. S. Honavar of M/s D & H Secheron Electrodes Ltd., Indore at the invitation of the Japan Welding Society from 17th September to 6th October, 1983.

The Afro-Asian conference of welding and Metal Technology arranged by the Institute jointly with the Indian Institute of Metals and the Association of Indian Engineering Industry was held at the Vigyan Bhavan, New Delhi from 8th to 10th February, 1978.

Over 50 technical papers were presented during the Seminar, which was attended by about 350 delegates from the country and abroad.

The Trichy branch of the Institute along with the Welding Research Institute and BHEL, Tiruchirapalli organised the International Welding conference in New Delhi from 12th to 14th January, 1987. It was a remarkable event as about 700 delegates around the globe had attended the conference, where more than 100 technical papers were presented.

It is heartening to note that within such a short span of time, our Indian Welding Journal has got the International Documentation recognition - the Index Number is ISSN 0046 - 9092, which is really an achievement. The articles published in this journal are now indexed internationally.

The Institute has started the Associate Membership Examination Equivalent to a Degree from January 1988 and are held twice a year in January and July at different centres. We have requested the Ministry of Education, Govt. of India for its recognition, who are considering our request.

The final Silver Jubilee Celebration of the Institute is being held at Calcutta on 22nd April, 1991. I am sure with the co-operation of you all, our Institute will go a long way. I wish the Silver Jubilee function a grand success and look forward for the Golden Jubilee. □



**Mrs. Rajani Rajdhan Dr. M.N. Dasture,
Dr. J.J. Irani, Mr. A.K. Basu, Mr. S.K. Burman,
Mr. A.K. Mukherjee at the inaugural function of
the Silver Jubilee Celebration of The Indian
Institute of Welding, Calcutta at Taj Bengal on
22nd & 23rd April 1991 and a view of the eminent
audience**



Dr. J. J. Irani, Jt. Managing Director, TISCO, Jamshedpur delivering his speech as a Guest Speaker.

Dr. M. N. Dastur, Chairman & Managing Director, M. N. Dastur & Co. Ltd., Calcutta presenting the Keynote Address.



Delegates at the Registration Counter.

A Section of Audience at the inaugural session.

