

## BRIEF CURRICULUM VITAE OF JOHN B. ASHBY (AS AT 6/12/96)

Commenced work as Apprentice Ship-building Draughtsman at Cockatoo Docks and Engineering, Sydney, December 1952. Served apprenticeship (5 years) and then 2 years 2 months as Ship Design Engineer. (In footsteps of Allan Payne and Warwick Hood, designers of yachts for America's Cup).

Studied part-time for Diploma in Naval Architecture, awarded 1959.

February 1960 moved to Department of Concrete Technology, University of New South Wales as Technical Officer to assist study in Civil Engineering.

Awarded Diploma in Civil Engineering in 1963 and Bachelor of Engineering Degree (Civil Engineering) 1965.

December 1963 joined Ready Mixed Concrete Industries in Sydney as Laboratory Engineer then Company Engineer, Area Manager, Technical Manager involved in pre-mixed concrete and in addition secondment to manage a pre-stressed / pre-cast concrete company at Penrith NSW.

April 1972 transferred to BMI Sydney (associated company) involved in technical aspects of concrete production within NSW and also stints in Indonesia, Malaysia and Fiji. Appointed Manager of BMI fly ash division December 1975.

Completed research degree - Master of Engineering, awarded 1976.

April 1980 appointed President/General Manager of BMI fly ash company based in Cincinnati, Ohio, USA.

May 1982 returned to Australia for a further 14 months with BMI.

From August 1983 to June 1985 worked for Monier Resources in Sydney as Chief Materials Engineer (concrete applications) - mainly research and development (applied) in concrete and associated materials.

July 1985 - October 1986. Senior Scientific Officer with NATA responsible for accreditation of testing laboratories in the field of Mechanical Testing in NSW and Queensland. Included assessment of testing laboratories in Hong Kong.

October 1986 - May 1988. Concrete consultant with Taywood Engineering, consulting engineers, Sydney.

May 1988 - January 1989. General Manager of Lachlan Valley Gold Mines and Centralime Limited, Sydney. Company operations included refurbishment of ceramic tile plant at Lithgow, conversion of de-commissioned cement plant to fertiliser manufacturing plant, initial arrangement of quarry development Kandos, NSW.

February 1989 - July 1993. NSW Manager of newly started chemical admixture company.

July 1993 - now, Technical Sales Manager , Concrete - Australian Steel Mill Services responsible for developing and maintaining markets for slag as aggregate in concrete and for promotion of slag in cement.

## QUALIFICATIONS

Master of Engineering, University of New South Wales 1976

Bachelor of Engineering (Civil) University of New South Wales 1965

ASTC Diploma (Civil Eng.) NSW University of Technology 1963

ASTC Diploma (Naval Architecture) NSW University of Technology 1959

## MEMBERSHIP

Institution of Engineers Australia (Fellow)  
Institute of Quarrying (Fellow)  
Concrete Institute of Australia (Honorary)  
Concrete Society (UK)  
American Concrete Institute (Fellow)

## REPRESENTATION

Current Federal President, Concrete Institute of Australia.  
Member, Federal Council - Concrete Institute of Australia 1987 - present.  
President, NSW Branch of Concrete Institute of Australia 1989 - 91.  
Ex-officio Member, Executive Committee of NSW Branch of Concrete Institute of Australia.  
Former Convenor, Training sub-committee, NSW Branch of Concrete Institute of Australia.  
Member, National Durability Committee - Concrete Institute of Australia.  
Chairman, Organising Committee - Concrete 91.  
Member, Organising Committees - Workshop 88 and Concrete for the 90's.  
Convenor of Technical Activities Committee - FIP/Concrete Institute of Australia.  
Symposia, Sydney, Australia, 28 Aug - 3 Sep, 1976.  
Occasional member, Standards Australia Committee BD/2 Concrete Structures.  
Member, Standards Australia Committee BD/10 Cement.  
Member, Standards Committee BD/42 Methods of Testing Concrete.  
Member, Standards Australia Working Group CE/12/2/-/1 Concrete Aggregate. Specification (AS 2758.1 Aggregates and Rock for Engineering Purposes, Part 1 - Concrete Aggregates).  
Member, Standards Australia Committee BD/49 Manufacture and Specification of Concrete.

### Other Experience:

Part-time lecturer in Materials Testing, Concrete, Sydney Technical College, NSW Institute of Technology and Granville and Blacktown Technical colleges;  
Materials Science, NSW Institute of Technology.



Currently, Assessor with National Association of Testing Authorities, Australia (since 1965 approximately).

Author or co-author of more than 30 publications/presentations on ready-mixed concrete, fly ash, slag, admixtures, pumping, durability, quality assurance and testing.