

ANCON Beton Pty Ltd

“Leading Practical Concrete Technology”

Also in Association with Face® Consultants – Lexington, Kentucky USA



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Ian Burnett – Managing Director



Summary

Ian has 40 years experience in the concrete industry including over 29 years with CSR Readymix in a number of Technical, Production, and Marketing areas in Australia and overseas. His last 3 years with CSR Readymix were in a National Technical and Marketing role.

In the early times with CSR Readymix Ian worked on the development of production and materials issues consistent with producing concrete of the highest quality at the lowest relative cost and with the lowest standard deviation. Ian's specialised knowledge and extensive practical experience covers such areas as High Performance Concrete, High Strength Concrete, floors and fibre technology.

Ian has worked on many projects throughout Australia and overseas the more notable ones being Loy Yang Power Station, Melbourne Central, Bourke Plaza, 530 Collins street and Baiyoke 2 Tower in Bangkok.

Ian has served on many industry associations including six years as a Concrete Institute of Australia Federal (CIA) Counsellor and 15 years on the Victorian Branch Committee. Ian is a member of the NATA Certification Test Committee and NATA assessor as well as a past NRMCA Technical Committee Chairman and member of FIP Working Group on HPC/HSC.

Keywords

High performance concrete, high strength concrete, concrete floor technology raw materials, silica fume, marketing, NATA.

Experience

1996 – PRESENT ANCON BETON PTY LTD
Position: Managing Director & Consultant

Built ANCON Beton Pty Ltd to be a formative group of consultants and associates with unsurpassed expertise in all areas of the concrete industry.

Some projects Ian has been involved with are:

CONSTRUCTION OF FLOORS IN ASIA

- Nestle – Kuala Lumpur – 45,000m²
- MSAS – Penang – 16,000m²
- Nestle – Manila – 11,000m²

Other International projects (to be continued)

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**Experience
(continued)****INTERNATIONAL PROJECTS:-**

1. ALICE SPRINGS TO DARWIN RAILWAY – AUSTRALIA
2. MALAMPAYA CGBE – SUBIC BAY
3. RCBC TOWERS – MANILA
4. BDNI TOWER – JAKARTA
5. TAIWAN HIGH SPEED RAIL
6. TSING BRIDGE LITIGATION – HONG KONG & LONDON
7. BP NAM CON SOM – VIETNAM
8. SAKHALIN II PHASE 2 CGBS – RUSSIA

Ian has also worked in India & UAE.

1993 – 1996 CSR READYMIX
Position: National Technical Manager

A national role providing Technical, Marketing and Operational support to the company. The role involved identifying, researching, developing and deploying new products and services.

- Launched the Commercial and Industrial Slab construction business in Melbourne in January 1996.
- Incorporated all the latest concrete, placing and finishing technology, which is setting CSR Readymix apart from the other companies. Carried out high profile marketing to major contractors and developers located in Sydney and Melbourne
- Launch of Steelcrete with Dramix in a number of locations in Australia
- Developed and launched The Micropoz Concept. This concept of high performance concrete and support services led to a major improvement to CSR's market position
- Consultant for Concrete Construction Thailand for the Baiyoke 2. 90 level Tower (the world's tallest concrete building)
- Shotcrete developments & application
- New Products & Services Development
- Lead the development & application of HSC in Melbourne on numerous high rise in the late 1980s

1985 – 1993 CSR READYMIX Position: Technical Manager

Responsible for all technical and related activities for Readymix Quarries and Sand in Victoria and Tasmania. Conceived and developed the Micropoz Concrete concept in the late 1980's.

As Technical Manger Ian managed some 35 people in the Technical Division with an annual budget of A\$2.25mil. Operations included some 12 laboratories of varying sizes throughout Victoria and Tasmania. The main Concrete Laboratory was at Oakleigh with smaller laboratories at Wangaratta, Geelong and Hobart. Raw material laboratories for testing quarry and sand products were spread across Victoria and Tasmania.

Experience (continued)

Major achievements in the previous roles included:

- Rationalising QC. technical operations and mix designs in concrete operations to ensure all customers received the best quality concrete at a minimum cost
- Establishing the most efficient laboratory and technical service available in Melbourne from a concrete perspective.
- Utilising excess raw materials in concrete to maximise quarry returns without compromising the quality of the concrete or the customer's expectations.
- On the team that conceived and wrote the Readymix Australia Quality Control Procedures and Technical Manual in the early 1970's
- Developed Readymix Australia Admixture business in Adelaide in 1978 giving Readymix a major lead on its competitors technically and commercially
- Developed the Superflow concept
- Worked with a number of new products and services including, foam concrete, fibre concrete, no fines concrete, vacuum de-watering
- Notably improved pumpability, workability and consistency from an end user perspective.
- Focused specific technical support and argument to have several quarry sites previously rejected accepted by VicRoads
- Lead the company in implementing Quality Assurance and employed the Regional QA manager in 1990

1982 – 1985 CSR READYMIX
Position: Technical Manager

As a result of industry rationalisation Ian became part of BMG Resources Victoria, formerly the Readymix Group.

Ian was responsible for all the quality issues and technical support for all concrete and quarry operations in Victoria.

1980 – 1982 CSR READYMIX
Position: Technical Manager

On transferring from Readymix in South Australia Ian took this position in Victoria. He was responsible for all the quality issues and technical support for all concrete and quarry operations in Victoria.

Ian was invited to take this position as in Victoria quality issues were not up to recognised standards and in particular concrete quality including pumpability did not meet customer expectations. All these matters were resolved within nine months for all Victorian operations.

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Experience (continued)

1974 – 1976 CSR READYMIX

Position: Technical Manager

The CSR company in Johannesburg seconded Ian for nearly one year to assist with upgrading its Technical and Quality issues in South Africa for Concrete and Quarry Operations.

1971 – 1974 CSR READYMIX

Position: Concrete Area Manager

Responsible for the Darwin operation of the Readymix Group. Ian had complete charge of the production, technical and marketing activities. On arrival the company was in poor condition and on exit the Company was leading the market.

1970 CSR READYMIX

Position: Relieving Concrete Manager

Located in Hobart, Ian was responsible for Technical and Operational issues for three months.

1967 – 1971 CSR READYMIX

Position: Quality Control Manager

Positioned in Adelaide, Ian was responsible for all Technical activities and quality control for the Concrete Division of the Readymix Group.

1964 – 1967 CSR READYMIX

Position: Concrete Tester

Ian joined the Readymix Group in 1964 and became involved in all technical aspects of field-testing and the concrete laboratory.

Other Activities

1. On the team which conceived and wrote Readymix Australia Quality Control
2. Procedures and Technical Manual in the early 1970's
3. Developed Readymix Australia Admixture business in Adelaide in 1978.
4. Developed Superflow Concept
5. Worked with a number of new products and systems:
 - Foam Concrete
 - Fibre Concrete
 - No Fines Concrete
 - Vacuum Dewatering
 - and others
6. Ian works closely with on site project management and site staff to ensure a satisfactory end result
7. Developed and launched the Micropoz Concept.
8. Consultant for Concrete Constructions in Thailand for the Baiyoke 2, 90 level
9. Tower.
10. High profile and widely-known throughout Australia and South East Asia
11. Large network and contacts. Wide acceptance with consulting design organisations and major contractors.
12. Accepted Awards of Merit for Excellence on behalf of Readymix for CIA in 1989,1991 for High Strength and Silica Fume concrete developments.
13. Responsible for concrete supply and quality for the first concrete pumps bought into Adelaide and Hobart.

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Statistics

During his career Ian has been responsible for concrete quality approximately as follows:

- 60 concrete plants
- 16 million cubic metres
- 40 major construction sites

Professional Affiliations

1. **Member NATA Steering Committee on Concrete Tester Certification**
2. **Concrete Institute of Australia Federal Councillor (past)**
3. **Member of the International FIP/CEB Working Group on HSC/HPC. (past)**
4. **Convenor of Concrete Institute of Australia Federal Sub-committee for Membership and Public Relations. (past)**
5. **Chairman Technical Committee NRMCA in Victoria (past)**
6. **NATA Assessor**