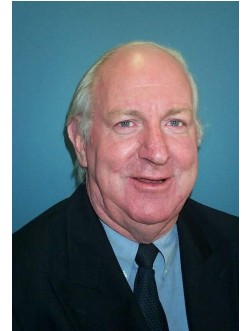




## **BACKGROUND**

Mr Mahony was a Director of consulting engineering company Gutteridge Haskins & Davey from 1982 to 2002. He held the position of Director in the areas of Plant Engineering, Bulk and Unit Handling and Asset Management (including Maintenance Management). He currently provides strategic advice to a wide range of clients in the areas of his expertise.



## **AREAS OF EXPERTISE**

- Bulk & Unit Materials Handling
- Mining, Industrial and Port Infrastructure
- Maintenance and Asset Management

## **QUALIFICATIONS**

- BSc, Sydney University, 1962
- BE (1st Class Honours in Mechanical Engineering), Sydney University, 1963
- M Eng Sc, Sydney University, 1966

## **AFFILIATIONS**

- Fellow, Institution of Engineers, Australia (FIE Aust)
- Fellow, Australian Institute of Mining and Metallurgy
- Honorary Consultant, University of Sydney, Mechanical Engineering School
- Member, Australian Committee, Lloyds Register of Shipping

## **CAREER DETAILS**

- Strategic Adviser for the development planning and concept design of the transport, shipping and materials handling aspects of a \$600M multi-berth bulk export facility, Newcastle, NSW.
- Project Director for the planning, design and construction of the \$300M Stage 2 expansion of the Kooragang Coal Terminal, Newcastle, NSW.
- Project Director for the planning and concept design of a \$300M (AUS) coal and fertiliser import facility at Lekir, Malaysia.

Project Management

Study Management

Engineering  
Management

Owner's  
Representative

Project Review and  
Audit



### **CAREER DETAILS (continued)**

- Strategic Adviser for the environmental impact statement for Hi-Fert's new fertiliser facilities on Kooragang Island, Newcastle, NSW.
- Project Director for the upgrading of gypsum handling facilities, Sydney Ports Corporation.
- Project Manager for the design and construction of the Port Waratah Coal Services Carrington Terminal at Newcastle. (Project value \$80 million.)
- Project Director for numerous engineering tasks in mining and unit handling industries including:
  - Aggregate Handling Plants at Enfield and Mascot
  - Wool Handling Plant at Yennora
  - Surface Copper/Gold Ore Handling Plant at Gecko and Warrego Mines
  - Tin Ore Handling Plant at Renison, Tasmania
  - Alumina Receival Plant at Kooragang Island, upgrade to 1400tph
  - Kiln Upgrade, PT Inco, Soroako, Indonesia
  - Warehouse Study for Edwards Dunlop, BJ Ball, Alexandria
- Study Director and Project Manager for the Wyee to Vales Point coal transportation overland conveyor. (1980, Project value \$18 million.)
- Study Director and Project Manager for the development of the ship unloading and coal storage terminal at Port Waratah Coal Services, Newcastle to accommodate the self-unloading vessel MV Wallarah. (1993, Project value \$15 million.)
- Study Director for the development of a bulk handling system simulation model for the simulation of activities in the coal transport chain, including stockyard, rail/road haulage and bulk terminal activities. Plant operations simulated using this model include Port Kembla Coal Loader, Port Waratah Coal Loader, Kooragang Island Coal Loader and Abbott Point Coal Loader.
- Project Manager for the dust suppression/collection system installation of Liddell Power Station. (1994, Project value \$3 million.)
- Guest lecturer in integrated bulk materials handling systems, University of Sydney, NSW.