



KILPATRICK GREEN



ENGINEERING



The Kilpatrick Green Group operates as Electrical, Mechanical and Instrumentation Engineers and Contractors throughout Australia, New Zealand, the Western Pacific and South East Asia.

Services include Proposals, Budgets, Designs, Fabrication, Supply, Construction, Commissioning, Maintenance.

The Group employs some 2,000 people on a wide range of industrial, mining, process, commercial and community projects. Engineering and technical skills form a vital part of the Group activities.

Kilpatrick Green Pty. Ltd. is a member of the world wide BICC Group of Companies.

**KILPATRICK GREEN
ENGINEERING**

5 BYFIELD STREET, NORTH RYDE, NSW 2113
P.O. BOX 375, NORTH RYDE, NSW 2113
TEL: (02) 887 0000 (12 Lines) TELEX: 26842

K ENGINEERING

The Engineering Division of Kilpatrick Green was established in Melbourne in 1966 and more recently marshalled in Sydney. The Division, staffed with qualified engineers and skilled technicians, has a long track record on projects throughout Australia.

- Services provided vary from turnkey installations to complementary engineering services for our construction activities.
- Designs are tailored to suit customer needs, incorporating economies learnt through years of experience in the field.
- Our engineers are well acquainted with state-of-the-art technology for equipment and systems.

From concept to commissioning our practical knowledge is working for the benefit of clients.



Engineering for —

- Power
- Control Systems
- Instrumentation
- Communications
- Energy Management
- Planned Maintenance

K POWER

GENERATION

From power and control cabling in major power stations to turnkey diesel stations.

TRANSMISSION

Design and construct to 66kV. Above this voltage services are provided by associated group company BALFOUR BEATTY CONSTRUCTION.

DISTRIBUTION and SUBSTATIONS

Medium and high voltage distribution systems. Submarine cabling and supertension cabling services are provided by our subsidiary company T.A. MELLEEN PTY. LTD.

MOTOR DRIVES, LIGHTING and SMALL POWER

Comprehensive designs for all industries.





CONTROL SYSTEMS

INSTRUMENTATION

From complex refinery systems to individual loop applications covering electronic, pneumatic, digital, analogue and calibration.

CONTROL SYSTEMS

Software and hardware design and implementation for all types of plant control involving computers, programmable controllers, microprocessors, relays, telemetry, distributed networks and colourgraphics.

MONITORING SYSTEMS

Advanced plant monitoring systems for graphic representation, field point status display, plant condition report generation, alarm indication and processing, data acquisition and historical data storage.



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OTHER

ENERGY MANAGEMENT

Based on the most up-to-date range of equipment. Services cover energy surveys, building management, alarm and status monitoring, maximum demand control, environment control, boiler/chiller sequencing, fire and security.

PLANNED MAINTENANCE

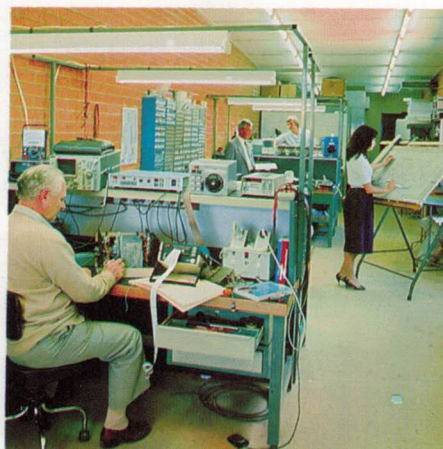
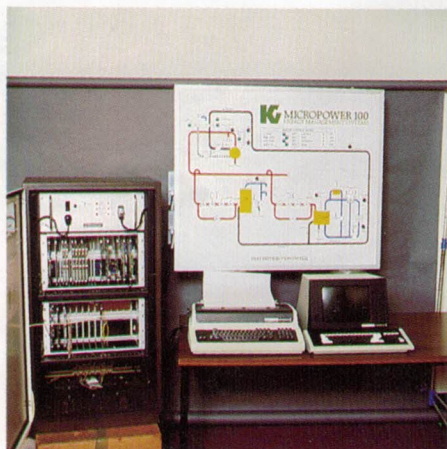
Based on the popular WIMS system. WIMS is a software package which can run on a large number of microcomputers. It offers a simple solution to the complex areas of maintenance planning and control, assets management, stock control and purchasing, and energy auditing.

COMMUNICATIONS

Local Area Network design, supply and installation. Broadband and baseband data transmission systems using Ethernet, Omnet, Oslan, Microlan etc. Kilpatrick Green are the official Rank Xerox Ethernet installation contractor.

TEST FACILITIES

Instrumentation, high voltage, protection setting, PLC programs and all types of plant commissioning. Our subsidiary T.A. Mellen are agents for the sophisticated BICC range of test equipment.



KILPATRICK GREEN PTY LTD

ESTABLISHED 1954 PARENT	FORMERLY H.H. GREEN & CO. PTY. LTD. BALFOUR KILPATRICK LIMITED, UK. (MEMBER OF B.I.C.C. GROUP OF COMPANIES)
CAPITAL	NOMINAL \$10,000,000 ISSUED \$6,016,400
SUBSIDIARIES	BALFOUR KILPATRICK (PACIFIC) LIMITED ROBYN INDUSTRIES PTY. LIMITED BURGLARY PROTECTION SYSTEMS PTY LIMITED H.H. GREEN ELECTRONICS PTY LIMITED T.A. MELLEN PTY LIMITED ARROW DIVING COMPANY PTY LIMITED
ASSOCIATIONS	CHAMBER OF MANUFACTURERS METAL TRADES INDUSTRY ASSOCIATION ELECTRICAL CONTRACTORS ASSOCIATION EMPLOYERS FEDERATION
ANNUAL TURNOVER	\$A100.0 MILLION
HEAD OFFICE	14TH FLOOR, 1 YORK STREET, SYDNEY, NSW 2000 TEL: 27 8211 TELEX AA 24513

ENGINEERING DIVISION	5 BYFIELD STREET, NORTH RYDE, NSW 2113 P.O. BOX 375 NORTH RYDE, NSW 2113 TEL: (02) 887 0000 (12 LINES) TELEX 26842
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VICTORIA	150 THISTLEWAITE STREET, SOUTH MELBOURNE TEL: 699 7288 TELEX AA 31104
QUEENSLAND	20-26 GLENTANNA STREET, KEDRON, BRISBANE TEL: 350 2999 TELEX AA 41351
WESTERN AUSTRALIA	16 BALLANTYNE ROAD, KEWDALE, PERTH TEL: 458 6311 TELEX AA 92404
NEW ZEALAND	GOODER ELECTRICAL LTD 61 WELLINGTON STREET, AUCKLAND NEW ZEALAND TEL: NZ 78 9139 TELEX NZ 60117
INDONESIA	P.T. BALFOUR BEATTY SAKTI INDONESIA J.L.R.S.C. VETERAN NO. 4 BINTARO, REMPOA, KEBAYORAN LAMA, JAKARTA, SELATAN, INDONESIA TEL: 73 3407 TELEX 47461
MALAYSIA	JANAS KILPATRICK SDN BHD NO. 58 LOT 1074, JALAN KAMPONG ATTAP KUALA LUMPUR, MALAYSIA TEL: 444400/444422/444455/444488 TELEX MA 32958
FIJI	BALFOUR KILPATRICK (PACIFIC) LTD 21 MATUA STREET, WALU BAY, SUVA, FIJI TEL: FIJI 23 831 TELEX 2139