
Sydney Tower

location Market Street, between Pitt and Castlereagh Streets, Sydney, New South Wales.

owner AMP Limited

the plaque

type **Engineering Heritage Plaque**, Sydney Division, The Institution of Engineers, Australia.

location The plaque is no longer on display.

plaque text

Sydney Tower

The tallest structure in the southern hemisphere is 325 metres high and was opened in September 1981. Its design and construction for AMP Society was conceived and executed by Australians, architects (Donald Crone and Associates), engineers (Wargon Chapman and Associates) and contractors (Concrete Constructions) applying advanced technology and techniques. The entire structure was manufactured in Australia using (with some minor exceptions) Australian made materials. The nine-storey turret which serves as a tourist-telecommunications facility is supported on the shaft and is stabilised by 2 mass dampers tuned to prevent undesirable movement due to wind forces. The damping system was pioneered in Australia and has since been used in a number of buildings around the world. The tower was instrumental in consolidating the retail heart of the city and it symbolises the progressive spirit of Sydney.

Dedicated by The Institution of Engineers, Australia on the occasion of its 75th Anniversary, 1994.



Alexander Wargon (b. 1926)

Born in Warsaw, Wargon travelled to Israel in 1946.

After graduating from the Israel Institute of Technology, he gained his MSc from Harvard University. While in America he worked with Rankine & Hill on the design of the AMP building at Circular Quay and this brought him to Australia.

Wargon worked with various consulting engineering firms before starting his own practice in 1961. In 1963 he merged with Robert Chapman to form Wargon Chapman and Associates.

