



18th April 1988

TO WHOM IT MAY CONCERN

Michael Edward Menhinick

The successful implementation of an industrial robot installation is extremely dependent on the mechanics between the robot and the customer's equipment to be handled or served by the robot.

Mike Menhinick was selected, in January 1986 ahead of fifteen applicants, as Applications Engineer for the Asea Robotics Division due to the wide experience gained in the HMNZ Dockyard in, not only advanced mechanical design, but also in pneumatic and hydraulic system design.

This testimonial is being written now, as the writer, who has been the only member of the company to be closely associated with Mike to date, is retiring.

Mike has adapted very well to the demanding and specialised field of robotic design where his imaginative flair and creativity have been well utilized. He is also very practical with his hands and combines good theory with a sound knowledge of what is actually possible.

I am proud to say that because of his job organisation, accuracy and work quality, we successfully implemented an installation using two high accuracy assembly robots inserting components in multiples into circuit boards. A task which has only been repeated a few times around the world.

During our time together I have confidently been able to let Mike work independently, to initiate contact with suppliers and customers on both technical and commercial matters. He has the ability to communicate clearly which has been a real advantage on technical matters which have been, at times, extremely intricate.

Mike is extremely thorough in everything he does. He has demonstrated his ability also to adapt to new methods and has developed advanced designs on our CAD System, acquired in April 1987.

Should Mike in the future choose to seek other employment in his field, I would have no hesitation in recommending him whole-heartedly, as an engineer of outstanding ability.

Yours faithfully
ABB ROBOTICS DIVISION

P. B. Carruthers
MARKETING MANAGER

29 Churchouse Rd
Greenhithe
AUCKLAND

Asea Brown Boveri Ltd