

CASE STUDY

Hydraulic Press Upgrade

OUR CLIENT:	AICA – New Plymouth
INDUSTRY:	Chemical
VALUE:	NZ\$50,000
OVERVIEW:	<p>The AICA, New Zealand (formerly Dynachem) manufactures high performance adhesives and surface solutions.</p> <p>AICA approached ECL looking to upgrading the hydraulic press machine which is used for product quality control testing. It was controlled by a PC based control system running on Windows 95 with no backup and obsolete parts.</p> <p>It was decided to replace the control systems with new equipment, the Siemens PC based system was replaced with Rockwell Compactlogix PLC & FactoryTalk View SE.</p>
ENGINEERING:	<p>ECL engineers were involved from the design of the controls system through to testing and commissioning for the hydraulic press.</p> <p>After assessing the unique needs of client, ECL developed a completely new control system with user friendly control screens offering operators enhanced and simplified control of the system. The operators can now save and re-use the hydraulic press profiles easily.</p> <p>Once the machine was commissioned training was given to the operational staff.</p>

- The successful commissioning of the hydraulic press allowed the customer to maintain their quality control standards.
- The project was completed on time, in budget with no lost time incidents.

