

Case Study: Capral Canning Vale Press Shutdown

ASAP Power had won the contract to perform the electrical scope of works for Capral's extrusion press shutdown. This was the biggest maintenance job that had been undertaken on site to date and presented the following challenges:

- Heavily modified extrusion press with limited documentation
- Demanding shutdown window with high level of interaction between work crews
- Poor spares availability over Christmas period in which the shutdown was scheduled

Our approach for success

<i>Prepare documentation upfront, from the bottom up</i>	We worked with the customer to have access to the machine whilst the press was shut down on weekends in order to mark up and create electrical drawings and to familiarize ourselves with the extrusion press. This ensured every sensor and actuator was known and documented: This made the disconnect worry-free and the reconnect a methodical process rather than a guessing game..
<i>Manage safety from the start</i>	From start to finish, the ASAP Power Occupation Health and Safety policy was followed, thus resulting in a risk managed environment and ensuring we all went home in the same condition we started work.
<i>Tooling and Materials</i>	The ASAP Power site boxes provided adequate tooling and materials for the completion of the job over the Christmas period whilst other suppliers were closed.
<i>Interact with other work crews</i>	Planning and communication allowed us to undertake parts of the job, whilst other trades were allocated to work there – this resulted in pre-wired components being installed providing a time saving to our customer.
<i>Pre-commissioning</i>	Prior to the plant being ready for power on, we were able to power up the sensor voltage in order to pre-commission all sensors. This allowed for a smooth commissioning process where we then simply had to align the sensors, knowing that electrically everything was already tested.

The end result

The shutdown was completed on time, without injury. The press is now fully documented, with a new wiring system in place. Overall the customer was very happy with the end result:

“All neat and tidy. It was finished off well. Good all-around help”

Darryl Bigara, Maintenance Manager, Capral Canning Vale

Contact Us

Contact us today to discuss your specific requirements:

Aaron Kramer
aaron.kramer@asap-power.com.au
0420 226 880

Walter Kramer
walter.kramer@asap-power.com.au