



## CASE STUDY

### DMG INDUSTRIES FACTORY FIRE RECTIFICATION WORKS KEYSBOROUGH, VIC

On Friday October 19th 2012 a fire, started by an electrical fault, engulfed a factory building belonging to DMG Industries in Keysborough.

The blaze resulted in extensive damage, destroying the facility which houses Australia's only manufacturing production line with the ability to chrome plate plastic components, and supplies 95% of the Australian automotive industry with these parts.

The site, measuring over 3485 metres square, was both vast and complex, and had sustained fire and chemical damage to all sections. Following a thorough assessment, Bay discovered that although the majority of structural steel roof beams could be saved, as could the rear and left walls, all purlins, roof sheeting and insulation had to be completely replaced.

Utilising two 160 tonne cranes to install structural beams and purlins on the roof, the Bay team were able to overcome the immense scale and height of the damaged areas, all of which required an extended reach to enable access. Ultimately the total amount of materials used to reinstate the roofing and walls equalled over 4580 square metres.

Bay Building Services commenced work at the site on October 20th 2012, and completed the job promptly at the end of November. 10 Bay staff worked on the project for its duration, along with a dedicated team of specialist sub-contractors. The project was expedited and staged to ensure timely delivery, with staff working 16 hour days, 7 days a week to ensure minimal disruption and losses to the Australian automotive industry as a consequence of having this specialised facility out of production.



**DMG INDUSTRIES - FULLY OPERATIONAL AND BACK IN BUSINESS, DECEMBER 2012**

**PROJECT: DMG Industries Factory –  
Fire Rectification Works**  
**LOCATION: Keysborough, Melbourne**  
**PROJECT SIZE: Factory: 3485m<sup>2</sup>**  
**Area replaced: 4585m<sup>2</sup>**  
**BUILDING TYPE: Industrial –  
Chrome Plating Facility**  
**PROJECT VALUE: \$1.5m**



**THE BLAZE WAS A DEVASTATING RESULT OF ARSON - 5:24AM OCTOBER 19 2012**