



Transpaint

Turnover £3/4m

Sector

Automotive, paint finishing and bodyshop building

Location

1 site based in West Yorkshire

Customer Requirements

To provide full load analysis for 3 phase power consumption and assess for load balancing, including provision for energy saving technology with power factor correction technology for energy saving. New final power distribution to all locations was undertaken with new power boards for 3 oven paint drying bays

- ◆ Compressor room
- ◆ Heating, lighting and general power
- ◆ 3 phase plant and equipment throughout the site with full load balancing and power factor correction.

The Solution

GRW Data & Communications initially looked at the overall power consumption and the problems that the customer had been experiencing due to overloading. GRW provided 24/7 monitoring equipment to assess the true load power and demand capacity. New phase 3 power distribution boards with full power factor correction and balanced power distribution with energy efficient lighting was implemented across the whole site including a full supply upgrade to allow for maximum demand and business expansion.

Customer Feedback

We contacted GRW due to mains problems of overheating and having a number of contractors not understanding the critical nature of the business. We turned to GRW for a solution. They installed mains monitoring equipment and looked at our maximum demand and load factors at peak times. The problems were down to over demand of our supply and offered a solution to upgrade the incoming supply and renew all the final distribution boards to allow for expansion and upgrade of the oven paint spraying capacity .

Since we have used GRW, we have not had any power problems and would recommend the company to anyone who needs a company who can deliver a high level of service and technical know how when it comes to mains and power related problems. We also use GRW to deliver planned maintenance on our site for lighting 3 phase power and our oven bake units on site.

Andy Gardiner Managing Director Transpaint



General mains distribution layout

