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# Quick change ABB motor gets brewery back to work

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A 200kW motor in the glycol based cooling plant of Fuller Smith & Turner's Griffin brewery failed at noon on the Sunday of a bank holiday weekend. The motor, which was not an ABB product, was used to drive a pump that pumps cooling fluid around the plant's brewing vessels.

As soon as the motor failed, Jeff Hack-Davies, Engineering Team Leader for the brewery, called ABB Motor Service Partner EMR Silverthorn based in Middlesex. "We had previous excellent service from EMR, so they were our first port of call," says Hack-Davies. "They have a broad knowledge of motor applications and are a main distributor of ABB plant." The brewery uses 15 ABB motors, mainly on the glycol system.

EMR engineers went to the site and working with Fuller's engineers removed the original motor, identified the fault and determined what type of motor they needed to obtain. They managed to source a suitable 200kW motor with a drip proof enclosure from ABB's distribution facility in Menden, Germany. The motor was loaded onto a lorry to start an overnight journey to London.

Meanwhile, EMR engineers supervised the removal of the failed motor. The new motor arrived from Germany at 6am on the bank holiday Monday and by 3pm, Fuller's engineers in conjunction with EMR engineers had it coupled up and working. Tuesday saw the motor being laser aligned to guarantee correct balanced operation.

Says Hack-Davies: "We were ecstatic with the service that EMR Silverthorn provided us. The failed pump motor represented 40% of our glycol pumping capacity and if the fault had occurred on another day could have had a serious impact on our production."

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