



SKILLS FACTORY BITESIZE COURSES

<p>COURSE TITLE Factory Electrical Power Supplies. (Electrical safety, isolate and lock off equipment, single & three phase power supplies – working safely, understanding of isolation and use of multi-meters)</p>		
<p>Who should attend: <i>(level, suitability, what the individual can gain)</i></p> <p>Mechanical maintenance fitters looking to multi-skill into electrical diagnosis.</p>	<p>Course structure: <i>(e.g. type of delivery, classroom, practical, simulated etc.)</i></p> <p>2 days – combination of theory and practical sessions.</p>	
<p>Benefits of attending: <i>By the end of the course the delegates will be able to</i></p> <ol style="list-style-type: none"> 1) Have an understanding of the principles of single and three phase power. 2) Understand factory location drawings. 3) Understand RCD operation and circuit breaker operation. 4) Build and test a simple circuit board. 5) Use metres and assessment equipment. 6) Understand the effects and importance of isolating. 7) Safely isolate and lock off equipment. 8) Demonstrate ability to isolate circuits. 	<p>Key topics:</p> <p>Day 1:</p> <ul style="list-style-type: none"> - Legislation and Health and safety. - Single phase and three phase theory. - Knowledge and use of site electric maps. - RCD's how they work and how to identify faulty pieces of equipment. - Building and testing of simple circuits – theory and practical. <p>Day 2:</p> <ul style="list-style-type: none"> - Use of meters and assessment equipment to be able to safely isolate and local off equipment and troubleshoot. - Guide to isolating and testing procedures for working safely. - Review of breakers. 	
<p>Duration / Dates & Times of Course: 24th / 25th February 2015 2 days - 08:30 – 4:00</p>	<p>Location / Address / Tutor: City of Wolverhampton College Wellington Road, Bilston, Wolverhampton, West Midlands, WV14 6BT. Tutor: Joel Dalhouse</p>	
<p>Cost: Full Cost of course: £190 per day Skills Factory Subsidy - £60 per person (per day) <i>Please note you will be charged at the full amount by the college and will receive the subsidy difference from the Skills Factory after course completion.</i></p>	<p>Assessment : Short written assessment and practical competence assessment throughout the day. Successful completion will give a stamp on Skills-Passport</p>	

To find out more or book a place on the course, please contact:

bookings@blackcountryskillsfactory.co.uk

PROJECT DIRECTOR: Colin Parker - 07944 268709 Colin_Parker@blackcountryconsortium.co.uk

www.blackcountryskillsfactory.co.uk