



## Manufacturing Competition Brief

<b>entry requirements</b>	
<b>Who can enter?</b>	<p>The manufacturing competition is for a combination of craftsmen/women, technicians or graduates from education, training providers or industry who have achieved a minimum of NVQ level 3.</p> <p>The competition is open to persons born on or after 1<sup>st</sup> Jan 1984 for an opportunity to compete in Calgary 2009. To compete in London 2011, potential competitors must be born after 1<sup>st</sup> Jan 1986.</p>
<b>Individual and/or team event?</b>	Each team will consist of 3 competitors
<b>How many competitors can enter?</b>	Up to 4 teams each consisting of 3 competitors can be entered per organisation
<b>Competition structure</b>	<p><b>Register for this competition at <a href="http://www.worldskillsuk.org">www.worldskillsuk.org</a></b></p> <p><b>Stage 1</b> <b>Submit screening test by 9<sup>th</sup> May 2008 to:</b> <a href="mailto:bmcgawley@aol.com">bmcgawley@aol.com</a></p> <p><b>Stage 2</b> <b>Shortlisted competitors are invited to compete in either of the two finals:</b></p> <p>Newcastle College 23<sup>rd</sup> – 24<sup>th</sup> June 2008 EEF West Midlands 25<sup>th</sup> – 26<sup>th</sup> June 2008</p>

Enter online by 9<sup>th</sup> May 2008



## contact details

For technical advice about the competition contact:

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For general information about competitions please contact the WorldSkills UK contact centre:

Free phone: 0800 612 0742

Email: worldskillsuk@ukskills.org.uk

## competition description

A team of three competitors, with collective expertise in CNC machining & programme generation, conventional machining, electronic/electrical assembly, mechanical assembly & joining and the subsequent commissioning of an electro-mechanical product, will compete with up to 8 other teams per heat to deliver the most cost-effective and compliant solution to a set challenge. Sound project management will be an important success factor for the team's success.

The manufacturing project specification will be issued five days before the competition. Materials will be free-issue and all manufacturing and associated activities will be undertaken under competition conditions.

Following the manufacture of various components, they are to be assembled. The resulting electro-mechanical system is to be demonstrated as per the specification – which will be issued 5 days prior to the competition. Points will be awarded for compliance with both dimensions and performance specification.

Enter online by 9<sup>th</sup> May 2008