Skills Competitions

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Construction Metalwork
➢ What are they

➢ What is involved

➢ How to get involved
Construction Metal

Sheet Metal Technology

Welding

http://www.airproducts.co.uk/microsite/uk/skillweld/TheCompetition.htm
Competition cycle

Team UK
Squad UK
B2B Long Squad
National Final
Regional Heats
National Heats – 17th April to 26th June 2020

10 Events across UK
60 – 80 Competitors

2010 to 2016
2020 Regional.....?

2017 to 2018

2019
National Final - November NEC
Basic skills done well

Correct Orientation, clean deburr, finish
Read drawings, Identify materials, Calculations, Cutting lists, Nest materials

Welded, Bolted, Location bars
Guillotine, Thermal, Mechanical, Drill and tap.

Accurate, Flatness, Squareness, Parallelism, Functionality
Press brake, Horizontal press, Hot forming
What is involved....
Top Tips…. basic skills done well

Planning – read drawing, make cutting list, apply calculations

Planning – time management, order of work

Material removal – accuracy, quality, efficiency

Assembly – flat, square, accurate

Joining – quality welding defect free, compliance with weld symbols

Finish – defect free; sharp edges, tool marks
International Competitions

Calgary 2009

London 2011
2017 Abu Dhabi