

WorldSkillsUK Metal Fabricator Competition.

Competition Overview.

The Metal Fabricator competition was formerly known as the Construction Metalwork competition, in 2004 it was introduced to the UK, originally from Canada.

In 2023 the competition name was changed from Construction Metalwork to Metal Fabricator; to align it with the Metal Fabricator Apprenticeship Standard, this change saw the number of registrations for the competition increase by 50%, with many new center's entering for the first time.

The competition is organized and run by Engineering Skills Competition CIC who as a Worldskills UK Competition Organizing Partner (COP).

ESC has developed the competition at all stages to align with the Knowledge Skills and Behavior requirements of the Metal Fabricator Apprenticeship Standard, the test projects at the Regional Qualifying round and National Final are aligned to the End Point Assessment tasks required by the standard.

The competition is now sponsored by EAL, Air Products and Bohler, it has also been recognized by City and Guilds, EAL and Skills Education Group as an important part of the apprentices training program. EngEPA Ltd also recognize the competition, as an important part of their End Point Assessments.

The competition is also supported by welding equipment suppliers, Rambaldini Welding and Peferd for abrasive wheels. EngEPA Ltd also recognize the competition, as an important part of Metal Fabricator Apprentices End Point Assessments.

In 2025 we also benefitted from having financial support from EAL, part of the Engenuity Group, which has allowed us to run regional qualifying events at strategic centers across the UK as part of the competition pathway.

In 2025 there were 82 registrations from 25 colleges and training providers in the UK, it is the COP's aim to get more competitors from the areas of the country that currently do not enter.

In previous years we had recognition from the Institute for Apprenticeships and Technical Education, (we are currently in discussion with Skills England for the same recognition) who allowed us to use their logo on our paperwork, to try and encourage colleges and training providers from all parts of the UK to enter, so that their apprentices benefit from the competition experience, as part of their training.

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