

Joaillerie

Summary of the contest:

Hand-made fabrication and adjustment of a jewel according to a provided drawing and a molded model. Deposit of material, shape adjustment, welding and brazing.

Running of the contest:

Duration of the contest will be maximum 6 hours.

It consists in making a piece of jewellery or several components in accordance with a technical drawing.

Candidates should use and manage only the material supplied.

They will carefully use the tooling, brazing material and other dangerous products (acid...) with all the safety procedures required.

Main skills required:

Be able to:

- ✓ Read a plan and decode the guidelines
- ✓ Organise the workplace and manage the time
- ✓ Detect material defects and determine the stresses in the component
- ✓ Prepare the metal and the sub-assemblies
- ✓ Place and assemble metal pieces, gemstones.. together by welding, crimping...
- ✓ Do the decorative and finishing operations (polishing, filing)...
- ✓ Control the conformity of the piece (size, symmetry, design..) and authenticate by marking.

Rating criteria:

- ✓ Management of the work place, security, and optimization of the material used
- ✓ Respect of the guidelines, material, shape, volume, balance and dimensions
- ✓ Quality of solders
- ✓ Quality if finishing
- ✓ General appearance and design