

## SkillPLUMB Pre-Entry Competition Activity 2025

### **Introduction**

The purpose of this task is so that colleges / training providers can either have an in workshop activity as a group or as a group of colleges / training providers can identify potential competitors for WorldSkillsUK SkillPLUMB competitions.

The task is aimed at any learner on a level 2 programme that has undertaken the basic skills assessments in their qualification. So that means they can bend pipe, solder and work to dimensions. The task will also need to be tested.

### **The Task**

The competition is meant to be challenging and testing your basic skills.

We ask that you think about the task and carefully plan and complete the work to as high standard as possible.

It is not a race; there are no prizes for finishing first.

On the BPEC website in the charity section you will find a document called Training to Succeed that explains the standards.

No impact drivers are to be used. However, you can use an ordinary battery driver.

We ask that during competition time you keep yourself hydrated and you behave in a professional manner.

The task is to produce the installation as drawn in 2.5 hours, this time is to include a test at 1bar for 2 minutes. The task will fit on a 1220mm x 1220mm board.

The joints are to be assessed using the Training to Succeed manual and for joint quality using the criterion laid down starting at '0' and working your way up to a '3'. If you have a couple of judges it is best to have a standardisation process before you begin so all are aware of the criterion.

There should be no talking whilst looking at the joint and when asked to declare each judge must present their mark and these must be within '1' of all marks submitted. If greater than '1' then a discussion can be had to justify the biggest difference etc. then all to mark again.

No cleaning with abrasive or cleaning fluids after soldering or wiping of molten solder with cloth or brush. Joints should only be washed off with a damp/wet cloth to remove flux. (Do not use flux on a Fluxbrush)

All bend angles must be within 1 degree of the specified angle to get the mark.

Plumb and Level – bubble must be fully within the lines on the level. (0.5<sup>0</sup> degree if using digital level)

There is to be no mobile phones in the competition area and no photos taken by competitors during competition time.

At all times safety glasses are to be worn properly – no looking over the top etc.

You need to keep hydrated in a pressured environment, so drink water before competitions and during competitions to keep hydrated. Health & Safety is key to all activities, so do not drink water in the competition environment and before handling bottles of water and food ensure you clean your hands.

If you have an accident, please see the lead person for the activity for access to first aid.



Competitors are to only leave the competition area at break times if they wish to leave at any other time they must talk to the lead person for the activity.

There is to be no pre-drawn templates or drawings brought into the competition area.

Has anyone brought any as checks will be made, and this could lead to disqualification.

The work area is to be kept clean and tidy at all times - no pipe ends to be left on floor etc. There will be 1 warning about safe work area and after that marks will be lost.

(Safe working environments means keeping all your tools close to where your working and not spread out all over the floor etc.)

Have a fun and we wish you luck

If you wish to discuss the project, please call

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