Test Project

Plumbing and Heating

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Competitor Instructions

These instructions may be translated for the Competitor by the Expert/Translator.

All notes to be made on this document.

This document MUST be handed back at the end of each competition day with all plans

Module A – 6 hours

Commercial bathroom installation – Instructions on Plan

- The shower installation is a freestyle part up to the Competitor. The reference point will be given for the Valve. The other points will be from the face plate template.
- Completed on C1. Including Pressure test. This will be assessed on C1 evening
- If the Competitor completes the Module before the end of C1 and wants to move on to Module B this is permitted. However, the Competitor cannot carry out any further work on Module A.
- Use basin for test points

Module B – 5.5 hours

Hand washing station – Instructions on Plan

- Completed on C2. Including Pressure test. This will be assessed on C2 evening
- If the Competitor completes the Module before the end of C2 and want to move on to Module D this is permitted. However, the Competitor cannot carry out any further work on Module B.
- Use cold water inlet for test points

Module C – 0.5 hours

Grohe speed test – Instructions on Plan

- Completed in allocated time on C2 afternoon. Assessed as completed C2
- If a Competitor finishes ahead of time, the Competitor MUST remain at the location allocated until the time is complete.

Module D – 6.25 hours

Hot Water pump circuit – Instructions on Plan

- Completed on C3. Including Pressure test. This will be assessed on C4
- If the Competitor completes the Module before the end of C3 and wants to move on to Module D this is permitted. However, the Competitor cannot carry out any further work on Module B.
- Use bottom of tee for test points

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Module E – 3.5 hours

Fit off and special test

- Completed on C4. Including Pressure test. This will be assessed on C4 evening.
- Fit off, Basin (including Mixer and stops), button and shower valve and shower head. As per Grohe TPI
- Urinal flush details are 3 bar and 2 litre flush
- This will also require the fitting of the wall panels provided for the Module
- The Hot water system (HWS) valves are to be installed as per drawing. Pipe design to connect the HWS is up to Competitor. This is to be completed with a maximum of 6 bends.
- Pressure test point from HWS valve

Other

- Please ensure that during familiarization you have positioned your DATUM with your Expert giving you assistance. This can will be done with a line laser that is supplied from the starting point on the walls.

- For each Module a list of materials will be provided for checking purposes by the Competitor and faults notified with 15 minutes of starting Module. Competitor will sign off and agree that all materials are in their workstation.

- If a Competitor requires additional materials whilst carrying out a Module marks will be lost.

- All pressure testing must be completed in the Competition time and witnessed by the Official team responsible for testing. Competitors can test on their own project at any time and rectify faults prior to asking for the Official test

- If a Competitor asks for assistance under No Circumstances must more than two (2) Experts enter the Competitors Work area unless part of an Assessment Team with an allocated Task.

- All safety practices will be demonstrated and agreed on during familiarization in accordance with the TD. All will sign to confirm understanding on C-2

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Translations written here

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