

## Competition Brief

<b>Competition title</b>
Plumbing & Heating
<b>Competition overview</b>
<p>Each competition test will be assessed and marked independently of the other test. The tests will be assessed and marked in accordance with the general and specific competition rules.</p> <p>Competitors will be assessed on the following criteria:</p> <ul style="list-style-type: none"><li>• Working safely</li><li>• Interpreting drawings and pipe details</li><li>• Measuring, fitting and installation requirements</li><li>• Measuring, marking out and cutting copper &amp; plastic pipe work</li><li>• Bend and joint quality</li><li>• Plumb &amp; level</li><li>• Testing pipe work for soundness</li><li>• Efficient use of materials</li></ul>
<b>Entry criteria</b>
The competition is for those training for a career in the construction industry and studying for an apprenticeship or NVQ course.
<b>Number by location/organisation</b>
Capacity of 12 competitors per heat. Up to 2 per location and up to a maximum of 3 per organisation.
<b>Brief</b>
<p>Competitors will be giving a drawing, requiring them to carry out an installation task that will require to interpret the drawing, accurately mark out, fabricate and install pipe work, working accurately but also working to a strict time-scale.</p> <p>For more information please see the drawings on the Skills Competition Wales Website.</p> <p>Please ensure that your entrants have the skills and competences to complete the task provided.</p>
<b>Infrastructure List</b>
Competitors are expected to bring their own tools. Benches will be available at the venue.

## Competition rules

### Competition specific rules

Marking and judging of this competition will be done by a team of experts from industry, further education or training provider, using a marking criteria and allocated marks to ensure consistency at least 1 marker will attend both regionals.

### Generic competition rules

- Mobile phones to be switched off during competition activity.
- Listening to music via headphones is not permitted during competition activity.
- Any questions during competition activity should be addressed to the competition judging panel.
- Competitors should not communicate with other competitors during competition activity.
- It is the responsibility of each competitor to arrive on time for each competition session. No additional time will be allowed if you arrive late.
- Technical failure of your equipment should be reported immediately to the judging panel. Additional time will be allocated if the fault is beyond the control of the competitor.

## Marking and assessment

Brief breakdown of marking and assessment.

All marks are objective and will be awarded by the judges as follows

A	Measurements from Vertical Datum	22%
B	Measurements from Horizontal Datum	20%
C	Bends/Crossovers	50%
D	Health & Safety	8%
Total		100%

## Feedback and recognition

Individual and Group verbal feedback will be provided at the end of the competition. (Written feedback will not be provided)

No results or awards will be awarded on the day as marking will be quality assured.

Certificates of Participation will be issued on the day.

Medallists will be invited to a Celebration Event which will be held on 19th March 2020 at Sophia Hall, Sophia Gardens, Cardiff CF11 9XR from 12pm to 5 pm, where the First, Second and Third Awards will be presented.

<https://www.sophiagardens.wales/venue/the-sophia-hall.html>

## **Competition Lead**

### **Lead Contact**

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## Briff y Gystadleuaeth

<b>Teitl y gystadleuaeth</b>
Plymio a Gwresogi
<b>Trosolwg o'r gystadleuaeth</b>
Bydd pob prawf cystadleuaeth yn cael ei asesu a'i farcio'n annibynnol o'r prawf arall. Bydd y profion yn cael eu hasesu a'u marcio yn unol â'r rheolau cystadlu cyffredinol a phenodol. Asesir cystadleuwyr yn ôl y meini prawf canlynol: <ul style="list-style-type: none"><li>• Gweithio'n ddiogel</li><li>• Dehongli lluniadau a manylion pibellau</li><li>• Gofynion mesur a gosod</li><li>• Mesur, marcio allan a thorri gwaith pibellau copr a phlastig</li><li>• Ansawdd plygiadau ac uniadau</li><li>• Plymio a lefelu</li><li>• Profi gwaith pibellau am gadernid</li></ul> Defnydd effeithlon o ddeunyddiau
<b>Meini prawf cystadlu</b>
Mae'r gystadleuaeth ar gyfer y rhai sy'n hyfforddi ar gyfer gyrfa yn y diwydiant adeiladu ac yn astudio ar gyfer prentisiaeth neu gwrs NVQ.
<b>Nifer fesul lleoliad/sefydliad</b>
Uchafswm o 12 cystadleuydd fesul rhagbrawf. Hyd at 2 y lleoliad a hyd at uchafswm o 3 i bob sefydliad.
<b>Briff</b>
Bydd cystadleuwyr yn rhoi llun, a fydd yn gofyn iddyn nhw gyflawni tasg osod a fydd yn gofyn am ddehongli'r lluniad, marcio allan, creu a gosod gwaith pibellau'n gywir, gan weithio'n gywir ond hefyd gweithio i gyfyngiadau amser. Am fwy o wybodaeth gweler y lluniadau ar Wefan Cystadleuaeth Sgiliau Cymru. Sicrhewch fod gan eich ymgeiswyr y sgiliau a'r cymwyseddau i gyflawni'r dasg a ddarperir.
<b>Rhestr Seilwaith</b>
Disgwylir i gystadleuwyr ddod â'u hoffer eu hunain. Bydd meinciau ar gael yn y lleoliad.

## Rheolau'r gystadleuaeth

### Rheolau cystadleuaeth benodol

Bydd marcio a beirniadu'r gystadleuaeth hon yn cael ei wneud gan dîm o arbenigwyr o ddiwydiant, darparwyr addysg bellach neu hyfforddiant, gan ddefnyddio meini prawf marcio a marciau a ddyrannwyd i sicrhau cysondeb. Bydd o leiaf 1 marciwr yn mynychu'r ddau ranbarth.

### Rheolau cystadleuaeth generig

- Rhaid diffodd ffonau symudol yn ystod y gystadleuaeth.
- Ni chaniateir gwranddo ar gerddoriaeth trwy glustffonau yn ystod y gystadleuaeth
- Dylid cyfeirio unrhyw gwestiynau yn ystod gweithgaredd cystadlu at banel beirniaid y gystadleuaeth.
- Ni ddylai cystadleuwyr gyfathrebu â chystadleuwyr eraill yn ystod y gystadleuaeth.
- Cyfrifoldeb pob cystadleuydd yw cyrraedd mewn pryd ar gyfer pob sesiwn cystadlu. Ni chaniateir unrhyw amser ychwanegol os byddwch chi'n cyrraedd yn hwyr.

Pe bai rhyw wall technegol ar eich offer, dylid rhoi gwybod i'r panel beirniaid yn syth. Dyrennir amser ychwanegol os yw'r nam y tu hwnt i reolaeth y cystadleuydd.

## Marcio ac asesu

Dadansoddiad o'r marcio a'r asesu.

Mae pob marc yn wrthrychol a chânt eu dyfarnu gan y beirniaid fel a ganlyn

A	Mesuriadau o Ddatwm Fertigol	22%
B	Mesuriadau o Ddatwm Llorweddol	20%
C	Troadau / Croesfannau	50%
D	Iechyd a Diogelwch	8%

Cyfanswm 100%

## Adborth a chydabyddiaeth

Darperir adborth llafar i unigolion a grwpiau ar ddiwedd y gystadleuaeth. (Ni ddarperir adborth ysgrifenedig)

Ni ddyfernir unrhyw ganlyniadau na dyfarniadau ar y diwrnod gan y bydd angen sicrhau ansawdd y marcio.

### Dosberthir Tystysgrifau Cyfranogi ar y diwrnod.

Gwahoddir enillwyr y medalau i Ddigwyddiad Dathlu a gynhelir ar 19 Mawrth 2020 yn Neuadd Sophia, Gerddi Sophia, Caerdydd CF11 9XR rhwng 12pm a 5pm, lle bydd y Wobr Gyntaf, yr Ail a'r Drydedd

Wobr yn cael eu cyflwyno. <https://www.sophiagardens.wales/venue/the-sophia-hall.html>

### **Arweinwyr y Gystadleuaeth**

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