Cystadleuaeth Sgiliau Cymru
Skills Competition Wales

Competition Brief

Competition Title

Plumbing and Heating

Competition Overview

A Plumber is an essential member of the construction team. They specialise in installation and maintenance of systems used for hot and cold water, heating and sanitation.

In this competition, competitors will be given an installation task, with which they must demonstrate their ability to interpret the drawing, work accurately and within the timescales given.

Entry Criteria

The competition is for those training for a career in the Construction Industry and studying towards a Level 2 qualification and the more able and talented Level1 learners.
Please ensure that your entrants have the skills and competences to complete the task.

Entry capacity restrictions by organisation

Maximum of up to 2 per location.
This is the maximum number of entries permitted by an organisation for this competition.
This is determined by 'location' and 'organisation'. 'Organisation' refers to the competitors' training provider/employer. 'Location' refers to a site where the competitor studies / is employed. For further guidance on these capacities, click here

Task Duration

5 Hours

Brief

Competitors will be given a drawing, from which they are to carry out an installation task; thereby showing they are able to interpret the drawing, accurately mark out, fabricate and install pipe work, whilst working accurately and to a strict time-scale.

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Competitors will be assessed on the following criteria:
- Working safely
- Interpreting drawings and pipe details
- Measuring, fitting and installation requirements
- Measuring, marking out and cutting copper & plastic pipe work
- Bend and joint quality
- Plumb & level
- Testing pipe work for soundness
- Efficient use of materials

Infrastructure List
Competitors are expected to bring their own tools. Benches will be available at the venue.

Competition Rules
For full terms and conditions of entry and competition rules visit : www.inspiringskills.gov.wales/terms-and-conditions

Generic competition rules
- Mobile phones are 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
Marking and judging of this competition will be carried out by a team of experts from Industry, Further Education or Training Provider, using a marking criteria and allocated marks to ensure consistency.

Brief breakdown of marking and assessment
All marks are objective and will be awarded by the judges as follows

	Criteria	**Marks**
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.

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

All competitors will be issued with a Participation Certificate and invited to an online Celebration Event which will be held Thursday 17th March 2022, where the First, Second and Third Awards will be announced. Further details will be communicated to competitors and their points of contacts by email.

Marksheets will be made available to competitors after the quality assurance process has been completed.

Competition Lead

Lead Contact:
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Cystadleuaeth Sgiliau Cymru
Skills Competition Wales

Briff y gystadleuaeth

Teitl y gystadleuaeth

Gwaith plymwr a gwresogi

Trosolwg o'r gystadleuaeth

Mae plymwr yn aelod hanfodol o'r tîm adeiladu. Mae'n arbenigo mewn gosod a chynnal a chadw systemau sy'n cael eu defnyddio ar gyfer dŵr poeth ac oer, gwresogi a glanweithdra.

Yn y gystadleuaeth hon, bydd cystadleuwyr yn cael tasg gosod, y mae'n rhaid iddyn nhw ddangos eu gallu i ddehongli'r llun, gweithio'n gywir ac o fewn yr amserlenni a roddwyd.

Meini prawf mynediad

Mae'r gystadleuaeth ar gyfer y rhai sy'n hyfforddi ar gyfer gyrfa yn y diwydiant Adeiladu ac yn astudio tuag at gymhwyster Lefel 2 ac ar gyfer dysgwr blwyddyn gyntaf mwy galluog a thalentog.
Sicrhewch fod gan eich ymgeiswyr y sgiliau a'r cymwyseddau i gwblhau'r dasg.

Cyfyngiadau capasiti mynediad yn ôl sefydliad

Uchafswm o hyd at 3 o bob lleoliad.
Dyma'r nifer mwyaf o geisiadau a ganiateir gan sefydliad ar gyfer y gystadleuaeth hon.
Penderfynir ar hyn yn ôl 'lleoliad' a 'sefydliad'. Mae 'sefydliad' yn cyfeirio at ddarparwr hyfforddiant/cyflogwr y cystadleuwyr. Mae 'lleoliad' yn cyfeirio at safle lle mae'r cystadleuydd yn astudio/cael ei gyflogi. I gael rhagor o arweiniad ar y galluoedd hyn, cliciwch yma

Hyd y dasg

5 awr

Briff

Bydd cystadleuwyr yn cael llun, ac o hwn bydd gofyn iddyn nhw gyflawni tasg gosod; drwy hynny byddan nhw'n dangos eu bod yn gallu dehongli'r llun, marcio'n gywir, creu a gosod pibellau, tra'n gweithio'n gywir ac i raddfa amser gaeth.

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Bydd cystadleuwyr yn cael eu hasesu ar y meini prawf canlynol:

- Gweithio'n ddiogel
- Dehongli lluniau a manylion pibellau
- Gofynion mesur a gosod
- Mesur, marcio a gwaith torri pibellau copr a phlastig
- Ansawdd plygiadau ac uniadau
- Plymio a lefelu
- Profi gwaith pibell am gadernid
- Defnyddio defnyddiau yn effeithlon

Rhestr Seilwaith

Mae disgwyl i gystadleuwyr ddod â'u hoffer eu hun. Bydd meinciau ar gael yn y lleoliad.

Rheolau cystadlu

Am y telerau ac amodau mynediad llawn a rheolau cystadlu ewch i:
ww.inspiringskills.gov.wales/terms-and-conditions

Rheolau cystadlu cyffredinol

- Mae'n rhaid diffodd ffonau symudol yn ystod gweithgareddau cystadlu.
- Ni chaniateir gwrando ar gerddoriaeth drwy glustffonau yn ystod gweithgareddau cystadlu.
- Dylid cyfeirio unrhyw gwestiynau yn ystod gweithgareddau cystadlu at banel beirniadu'r gystadleuaeth.
- Ni ddylai cystadleuwyr gyfathrebu â chystadleuwyr eraill yn ystod gweithgareddau cystadlu.
- Cyfrifoldeb pob cystadleuydd yw cyrraedd yr amser ar gyfer pob sesiwn cystadlu. Ni chaniateir amser ychwanegol os byddwch yn cyrraedd yn hwyr.
- Dylech roi gwybod i'r panel beirniadu ar unwaith am unrhyw fethiant technegol yn eich offer. Bydd amser ychwanegol yn cael ei neilltuo os yw'r nam y tu hwnt i reolaeth y cystadleuydd.

Marcio ac asesu

Caiff y gwaith o farcio a beirniadu'r gystadleuaeth hon ei wneud gan dîm o arbenigwyr o'r Diwydiant, Addysg Bellach neu Ddarparwr Hyfforddiant, gan ddefnyddio meini prawf marcio a marciau wedi'u dyrannu i sicrhau cysondeb.

Dadansoddiad byr o farcio ac asesu.
Mae pob marc yn wrthrychol a byddant yn cael eu dyfarnu gan y beirniaid fel a ganlyn

A	Mesuriadau o'r Datwm Fertigol	22%

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B	Mesuriadau o’r Datwm Llorweddol	20%
C	Plygiadau/Trawsgroesiadau	50%
D	Iechyd a Diogelwch	8%
	Cyfanswm	100%

Adborth a Chydnabyddiaeth

Bydd adborth llafar Unigol a Grŵp yn cael ei roi ar ddiwedd y gystadleuaeth.

Ni roddir canlyniadau na gwobrau ar y diwrnod gan y bydd ansawdd y marcio yn cael ei sicrhau.

Bydd pob cystadleuydd yn cael Tystysgrif Cyfranogi ac yn cael ei wahodd i Ddigwyddiad Dathlu ar-lein a gynhelir Dydd Iau 17eg Mawrth 2022, lle bydd y Wobrau Cyntaf, Ail a Thrydedd yn cael eu cyhoeddi. Bydd manylion pellach yn cael eu cyfleu i gystadleuwyr a'u pwyntiau cyswllt trwy e-bost.

Bydd taflenni marciau ar gael i gystadleuwyr ar ôl i'r broses sicrhau ansawdd gael ei chwblhau.

Arweinydd y Gystadleuaeth

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