



- Part A - $\varnothing 100$ NB which varies - Check Before Setting Out
- Part B supplied undrilled
- Part C supplied
- 2 x Circular Discs to be Cut by Oxy-Fuel
- DO NOT Grind Cut Edges of Circular Discs
- Dimensions in \square are ± 1 mm
- General Tolerance = ± 2 mm
- Concentricity Tolerance = ± 1.5 mm

Designed by Vic Walsh	Checked by	Approved by	Date	Date 06/09/2017	
Material: RHS 50 x 25 x 2.5mm LCS Plate: 5mm Thk			CMW Wales Final-1		Sheet 1 / 1

Competition Brief

Competition title and level

Construction Metalwork

Entry requirements

The competition is intended for students, apprentices studying towards a level 3 Welding qualification.

Competition outline

Stage One: Internal qualifying/ selection process with partner institutions.

Stage Two: Competitors to register online by 20th October 2018

Stage Three: Partner institutions will be informed of their place allocation depending on applications.

Stage Four: The Wales Final hosted at Coleg Gwent, Newport on Wednesday the 23rd January 2019.

The detail

The Wales final will require the fabrication of a support stand. Skills tested will include.

- MAGS Welding
- Drilling
- Sawing
- Oxy-acetylene cutting (Thermally cut edges should not be dressed)
- Assembly methods
- Marking out

All welds will be visually inspected only. All fabrications will be inspected for accuracy, quality of finish and presentation.

Marking and assessment

Each aspect of the fabrication will be judged against a detailed marking scheme

Competition rules



- All competitors will receive a health and safety briefing at the start of the competition and these rules must be adhered to throughout the competition
- Competitors who arrive late for competitions will not normally receive additional time.
- Competitors will start and finish work as instructed by the judges.
- During the competition competitors should not disturb other competitors or speak to members of the public.
- Any competitor who wishes to leave the area during the competition must seek the permission of the judges.
- Competitors will not be allowed contact with tutors/coaches during the live competition. Non-compliance with this may result in deduction of points.
- If there is a power stoppage or accident, the competitors must act according to the instructions of the judges
- Competitors who break or damage equipment during the competition will not receive any additional time.
- Where a competitor is observed working in an unsafe manner they will be stopped and not permitted to continue unless willing to follow the judges' directions.
- The competition will be assessed and marked by a panel of judges (from industry, colleges or training providers) using the competition criteria and allocation of marks.

Contact details

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Briff y Gystadleuaeth

Teitl a lefel y gystadleuaeth

Gwaith Metel Adeiladu

Gofynion mynediad

Bwriedir y gystadleuaeth ar gyfer myfyrwyr, prentisiaid sy'n astudio tuag at gymhwyster Weldio lefel 3.

Amlinelliad o'r gystadleuaeth

Cam Un: Proses cymhwyso / dethol mewnol gyda sefydliadau partner.

Cam Dau: Cystadleuwyr i gofrestru ar-lein erbyn 20 Hydref 2018

Cam Tri: Bydd sefydliadau partner yn cael gwybod am eu dyraniad lle, yn dibynnu ar geisiadau.

Cam Pedwar: Rownd Derfynol Cymru, wedi'i chynnal yng Ngholeg Gwent, Casnewydd, ddydd Mercher 23 Ionawr 2019.

Y manylyn

Bydd rownd derfynol Cymru'n gofyn am adeiladu stand cefnogi. Bydd y sgiliau a brofir yn cynnwys:

- Weldio MAGS
- Drilio
- Llifio
- Torri Ocsi-asetylen (Ni ddylid gwisgo corneli wedi'u torri'n thermol)
- Dulliau gosod
- Marcio

Bydd pob weld yn cael ei arolygu'n weledol yn unig. Bydd pob gwneuthuriad yn cael ei arolygu ar gyfer cywirdeb, ansawdd y gorffeniad a chyflwyniad.

Marcio ac asesu

Bydd pob agwedd ar y gwneuthuriad yn cael ei barnu yn erbyn cynllun marcio manwl

Rheolau'r gystadleuaeth



- Bydd yr holl gystadleuwyr yn cael sesiwn briffio iechyd a diogelwch ar ddechrau'r gystadleuaeth a rhaid cadw at y rheolau hyn trwy gydol y gystadleuaeth
- Fel arfer, ni fydd cystadleuwyr sy'n cyrraedd yn hwyr i'r cystadlaethau yn cael amser ychwanegol.
- Bydd y cystadleuwyr yn dechrau ac yn gorffen gwaith fel y cyfarwyddir gan y beirniaid.
- Yn ystod y gystadleuaeth, ni ddylai cystadleuwyr aflonyddu ar gystadleuwyr eraill na siarad ag aelodau o'r cyhoedd.
- Rhaid i unrhyw gystadluydd sy'n dymuno gadael yr ardal yn ystod y gystadleuaeth geisio caniatâd y beirniaid.
- Ni chaniateir i gystadleuwyr gysylltu â thiwtoriaid/hyfforddwyr yn ystod y gystadleuaeth fyw. Gall anghydfurfiad â hyn arwain at gael eich diarddel.
- Os bydd toriad pŵer neu ddamwain, rhaid i'r cystadleuwyr weithredu yn unol â chyfarwyddiadau'r beirniaid
- Ni fydd cystadleuwyr sy'n torri neu'n difrodi offer yn ystod y gystadleuaeth yn derbyn unrhyw amser ychwanegol.
- Bydd y gystadleuaeth yn cael ei hasesu a'i marcio gan banel o feirniaid (o'r diwydiant, colegau neu ddarparwyr hyfforddiant) gan ddefnyddio'r meini prawf cystadleuaeth a dyrannu marciau.

Manylion cyswllt

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