**Competition Brief**

**Competition Title**

Heavy Vehicle Technology

**Competition Overview**

Heavy Vehicle Automotive Technicians require a wide variety of specialised skills. They carry out inspections and maintenance on large goods vehicles, test vehicle systems and diagnose faults, as well as advise customers on repair work. They are responsible for producing estimates and maintaining service and maintenance records. Today’s technicians use a range of equipment to assist them in their role, from advanced diagnostics to the more traditional spanner and wrench.

In this competition, competitors will be assessed on their skills, knowledge and abilities against current industry standards and working practices. They will need to demonstrate good time management, problem solving and planning skills, as well as prove their ability to collect and analyse information and apply logical techniques to solve problems.

Live competition heats will be held at various venues across Wales.

**Entry Criteria**

This competition is for those training for a career in the Automotive Industry and studying towards a Level 2 - 3 qualification or apprenticeship. Please ensure your entrants have the skills and competencies to complete the task.

**Entry capacity restrictions by organisation**

Maximum of up to **2 per location**. **Reserves** may also be registered to account for potential absences or withdrawals.

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.

This competition may be subject to a selection process if competitor registration numbers exceed the host venue capacity. Where capacity is identified in a competition the reserve competitors may be invited to compete. The decision will be made following a consultation between Skills Competition Wales and the competition lead after registration closes. All parties will be notified of any changes.

For further guidance on these capacities, [click here](https://inspiringskills.gov.wales/competitions/competition-registration-guide).

**Brief**

The Competition consists of five practical tasks in the areas below:

* Electrical
* Transmission
* ABS
* Engine
* Inspection

Each task is 45 minutes and will be timetabled through the day. There will usually be down time in between tasks for refreshments.

For further information please refer to the Skills Competition Wales website. Previous competition briefs are available to view and download via the Skills Competition Wales website, please [click here](https://inspiringskills.gov.wales/competitions/heavy-vehicle-technology/archives) to access.

**Infrastructure List**

All equipment needed to complete the task will be available at the competition venue. You will be required to use an oscilloscope, you may bring your own if you require.

**Competition Rules**

For full terms and conditions of entry and competition rules [visit](https://inspiringskills.gov.wales/terms/registrations-terms-and-conditions).

**Competition specific rules**

The competitor who is awarded 1st overall will automatically gain a place in the UK regional without having to do the online test. Please note that this is for automotive competitions only.

**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 done 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:

| A | Health & Safety | 15% |
| --- | --- | --- |
| B | Interpreting Manufacturers Data | 10% |
| C | Correct Completion of Task | 75% |
|  | **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 on the competition day. First, second, third and highly commended awards will be announced during the celebration event. The highly commended award recognises all competitors who have achieved above average. The celebration event will be held on Wednesday 18th March 2026, further details will be communicated to competitors and their points of contact by email.

Marksheets will be available upon request via info@skillscompetitionwales.ac.uk to competitors after the celebration event.

**Competition Lead**

**Lead Contact**

Robert Morse

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01633 466091

**Our partners**

This competition is delivered in partnership with





**Briff y Gystadleuaeth**

**Teitl y Gystadleuaeth**

Technoleg Cerbydau Trwm

**Trosolwg o’r Gystadleuaeth**

Mae angen amrywiaeth eang o sgiliau arbenigol ar Dechnegwyr Modurol Cerbydau Trwm. Maen nhw’n cynnal archwiliadau a gwaith cynnal a chadw ar gerbydau nwyddau trwm, yn profi systemau cerbydau ac yn dadansoddi diffygion, yn ogystal â chynghori cwsmeriaid ynglŷn â gwaith trwsio. Maen nhw’n gyfrifol am gynhyrchu amcangyfrifon a chynnal cofnodion gwasanaethau a chynnal a chadw. Mae technegwyr heddiw yn defnyddio amrywiaeth eang o offer i’w cynorthwyo yn eu gwaith, o ddiagnosteg uwch i’r sbaner a thyndro mwy traddodiadol.

Yn y gystadleuaeth hon, caiff cystadleuwyr eu hasesu ar eu sgiliau, gwybodaeth a gallu yn erbyn safonau diwydiannol ac arferion gwaith cyfredol. Bydd angen iddyn nhw arddangos eu bod yn gallu rheoli eu hamser, datrys problemau a bod ganddyn nhw sgiliau cynllunio da yn ogystal â phrofi eu gallu i gasglu a dadansoddi gwybodaeth a defnyddio technegau rhesymegol i ddatrys problemau.

Cynhelir rowndiau rhagbrofol byw mewn sawl lleoliad ledled Cymru.

**Meini Prawf Cystadlu**

Mae’r gystadleuaeth hon ar gyfer y rheini sy’n hyfforddi am yrfa yn y Diwydiant Modurol ac sy’n astudio tuag at gymhwyster Lefel 2 - 3 neu brentisiaeth.

Sicrhewch fod gan eich ymgeiswyr y sgiliau a’r cymwyseddau i gyflawni’r dasg.

**Cyfyngiadau ar nifer y ceisiadau fesul sefydliad**

Uchafswm o hyd at **2 fesul lleoliad**. Gellir cofrestru **cronfeydd wrth gefn** hefyd i gyfrifon absenoldeb neu dynnu'n ôl os bydd angen.

Dyma’r uchafswm o geisiadau a ganiateir gan unrhyw sefydliad am y gystadleuaeth hon.

Mae hyn yn cael ei bennu fesul ‘lleoliad’ a ‘sefydliad’.  Mae ‘Sefydliad’ yn cyfeirio at ddarparwr hyfforddiant/cyflogwr y cystadleuydd. Mae ‘Lleoliad’ yn cyfeirio at le mae’r cystadleuydd yn astudio / cael ei gyflogi.

Gall y gystadleuaeth hon fod yn destun proses ddethol os yw'r niferoedd cofrestru cystadleuwyr yn fwy na chapasiti'r lleoliad cynnal. Lle nodir bod capasiti ar gyfer y gystadleuaeth, gellir gwahodd cystadleuwyr wrth gefn i gystadlu. Bydd y penderfyniad yn cael ei wneud yn dilyn ymgynghoriad rhwng Cystadleuaeth Sgiliau Cymru ac arweinydd y gystadleuaeth ar ôl i'r cofrestru gau. Bydd pob parti yn cael gwybod am unrhyw newidiadau.

Am fwy o arweiniad ar y niferoedd hyn, [cliciwch yma](https://inspiringskills.gov.wales/competitions/competition-registration-guide).

**Briff**

Mae’r Gystadleuaeth yn cynnwys pum tasg ymarferol yn y meysydd isod:

* Trydanol
* Trawsyriant
* ABS
* Injan
* Archwiliad

Mae pob tasg yn para 45 munud a byddant wedi’u hamserlennu ar hyd y diwrnod. Fel arfer, bydd amser rhydd rhwng y tasgau er mwyn egwyl ar gyfer lluniaeth.

Am fwy o wybodaeth cyfeiriwch at wefan Cystadleuaeth Sgiliau Cymru. Mae briffiau cystadleuaeth flaenorol ar gael i'w gweld a'u llwytho o’r wefan Cystadleuaeth Sgiliau Cymru, [cliciwch yma](https://inspiringskills.gov.wales/competitions/heavy-vehicle-technology/archives) i gael mynediad iddynt.

**Rhestr Seilwaith**

Bydd y cyfan o’r offer fydd eu hangen i gwblhau’r dasg ar gael yn y lleoliad lle cynhelir y gystadleuaeth. Bydd gofyn i chi ddefnyddio osgilosgop, gallwch ddod â'ch un eich hun os ydych yn dymuno.

**Rheolau’r Gystadleuaeth**

Am restr gyflawn o delerau ac amodau cystadlu a rheolau’r gystadleuaeth [ewch i](https://inspiringskills.gov.wales/terms/registrations-terms-and-conditions?lang=cy).

**Rheolau penodol y gystadleuaeth**

Bydd y cystadleuydd gaiff ei ddyfarnu’n 1af yn ennill lle yn awtomatig yng nghystadleuaeth ranbarthol y DU heb orfod gwneud y prawf ar-lein. Nodwch, os gwelwch yn dda, bod hyn ar gyfer cystadlaethau modurol yn unig.

**Rheolau cyffredinol y gystadleuaeth**

* Dylid diffodd ffonau symudol yn ystod y gystadleuaeth.
* Ni chaniateir gwrando ar gerddoriaeth gyda chlustffonau yn ystod y gystadleuaeth.
* Dylid cyfeirio unrhyw gwestiynau yn ystod y gystadleuaeth at y panel beirniaid.
* Ni ddylai’r cystadleuwyr gyfathrebu gyda chystadleuwyr eraill yn ystod y gystadleuaeth.
* Cyfrifoldeb pob cystadleuydd fydd cyrraedd ar amser ar gyfer pob rhan o’r gystadleuaeth. Pe baech yn cyrraedd yn hwyr, ni roddir amser ychwanegol ichi.
* Pe bai rhyw wall technegol ar eich offer, dylid rhoi gwybod i’r panel beirniaid yn syth. Bydd amser ychwanegol yn cael ei roi os bydd y gwall y tu hwnt i reolaeth y cystadleuydd.

**Marcio ac Asesu**

Bydd tîm o arbenigwyr o Ddiwydiant, Addysg Bellach neu Ddarparwyr Hyfforddiant yn marcio a beirniadu’r gystadleuaeth hon, gan ddefnyddio meini prawf marcio a marciau a dyrennir er mwyn sicrhau cysondeb.

Manylion cryno marcio ac asesu:

| A | Iechyd a Diogelwch | 15% |
| --- | --- | --- |
| B | Dehongli Data Gwneuthurwyr | 10% |
| C | Cwblhau Tasg yn Gywir | 75% |
|  | **Cyfanswm** | **100%** |

**Adborth a Chydnabyddiaeth**

Bydd adborth llafar, yn unigol ac mewn grŵp, yn cael ei roi ar ddiwedd y gystadleuaeth. Ni fydd unrhyw ganlyniadau na gwobrau’n cael eu dyfarnu ar y diwrnod oherwydd bydd angen sicrhau ansawdd y marcio.

Bydd pob cystadleuydd yn cael Tystysgrif Cyfranogi ar ddiwrnod y gystadleuaeth. Bydd gwobrau cyntaf, ail, trydydd a chanmoliaeth uchel yn cael eu cyhoeddi yn ystod y digwyddiad dathlu. Mae'r wobr canmoliaeth uchel yn cydnabod yr holl gystadleuwyr sydd wedi cyflawni sgôr uwch na'r cyfartaledd. Cynhelir y digwyddiad dathlu ar Dydd Mercher 18 Mawrth 2026, bydd manylion pellach yn cael eu rhoi i gystadleuwyr a'u pwyntiau cyswllt trwy e-bost.

Bydd taflenni marciau ar gael ar gais drwy info@skillscompetitionwales.ac.uk i gystadleuwyr ar ôl y digwyddiad dathlu.

**Arweinydd y Gystadleuaeth**

**Prif Gyswllt**

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**Ein partneriaid**

Mae'r gystadleuaeth hon yn cael ei chyflwyno mewn partneriaeth â

