



SENIOR FENCE ERECTING

Achievement Day

Saturday 3rd December 2022

Venue: Hafod-Y-Hendre, Royal Welsh Showground Builth Wells.

(Entry Date: 7th November 2022)

Entry Date: 07/11/2022
Winter Marks: 50
Last Amended: 01/09/2022
Withdrawal by: 18/11/2022



ELIGIBILITY

A team shall consist of three (3) members 28 years of age or under on 1st September 2022

Health & Safety - Essential Reading/ Action for all Competitors

It is essential that all competitors read the Health and Safety Executive's guidance paper concerning fencing and note is taken of the safe working practices and protective clothing equipment that is recommended. The Health and Safety Executive guidance paper is attached to the rules and available on the Brecknock YFC website.

PROCEDURE

For each round of the competition, the two end strainer posts will be put into the ground prior to the competition by the organisers.

The team will be required to erect a 22m stock proof boundary fence in a straight line, using the materials provided (as illustrated in the diagram).

Total height to top of fence 45 inches.

The intermediate posts shall be at equal spacing.

From the start point, the fence shall be in a straight line for 12m before turning approximately 30° to right and continuing for a further 10m.

It shall be constructed of post and netting with 2 strands of high tensile steel wire above the netting.

One strand of high tensile wire (ground wire) to be placed 2" above ground level.

There shall be 2 strands of high tensile plain wire above the netting, set at 2" & 5" above the top of the netting - i.e., 2" between the netting and the lower wire, then 3" between the 2 wires.

Netting shall be secured to the end strainers using a recognised knot.

At one end of the fence there will be a box strainer assembly using a horizontal strut and diagonal brace wire.

The box strainer shall be made with 2 x 2.4m (8'0 horizontal brace, with 2.5 HT Plain Wire.

The horizontal brace shall be morticed into the strainers on both ends.

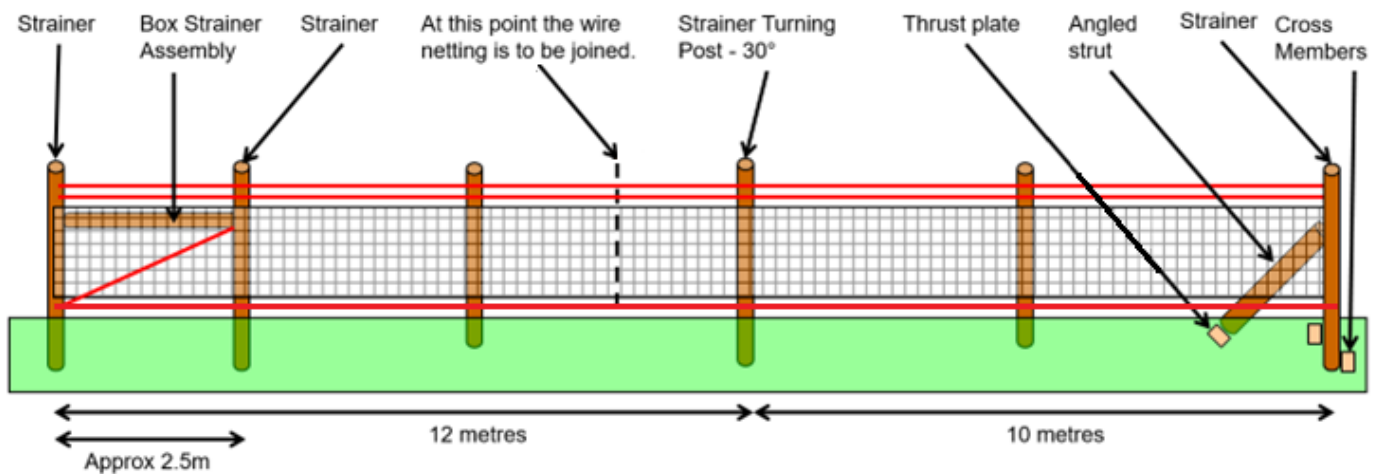
At the other end, the fence will be secured with a strainer assembly:

- The assembly shall be made using a 2.4m (8') strainer and 2.4m (8') angled strut, with the strut secured using a horizontal thrust block.
- The thrust block shall be dug 200mm (8") below ground level and be left open for judges' inspection.
- 2 horizontal blocks on the bottom of the strainer.

- The strut is to be morticed into the strainer at 450mm (18") to the top of the strut - i.e., between the 4th and 5th wire on the net.
- Where the fence turns 30°, the turning post shall be a straining post without struts.
- A handtied joint will be required in the netting and a hand tied joint in the top line wire; towards the centre of the fence (no joining aids will be permitted).
- A join in the netting must be made by hand where indicated on the diagram.

The team are required to prepare a written risk assessment/ method statement, which is to be handed to the YFC Office 7 days before the competition (By 4pm on Friday 25th November 2022). *Failure to provide a written risk assessment/ method statement or failure to comply with it; or working unsafely, will result in immediate disqualification. Example Below.*

Diagram is not to scale and is for illustrative purposes only
All spacings to be determined by the competitors



Only materials supplied by the organisers are to be used for the competition. (See list of materials below)

Equipment to be provided:

- 4 x Strainers 2.4m, 150mm-175mm diameter round posts (8ft, 6" - 7")
- 1 x Angled Strut From 2.4m x 100 -125mm diameter round post (8ft, 4-5")
- 1 x Horizontal Strut From 2.4m x 100-125mm diameter round post (8ft, 4-5")
- 2 x Intermediate Posts 1.65m x 75mm - 100mm diameter round posts (5ft 6", 3" - 4")
- Thrust Plate and Cross Members From 1.8m x 150mm x 75mm (6ft x 6" x 3" square)
- 25m x High Tensile stock netting HT8/80/15.
- 75m x High Tensile Plain wire 2.5mm gauge
- 6" Nails are to be used
- Staples

Only hand tools will be allowed and the teams themselves must provide these. No power tools or chainsaws are allowed.

All tools and equipment used must be fit for purpose and be in good condition, well maintained and safely operated by members of the team at all times. Judges/Stewards have the right to stop the use of a tool/ piece of equipment if, in their view, it is not safe to use or is being handled/ used in an unsafe manner.

Competitors are not allowed to shorten any of the vertical posts.

The Judges reserves the right to inspect any strut following completion of the task.

All teams are required to dismantle their fence after the competition. (The thrust plate and any blocks/ cross members must be out of the ground). Teams are required to clear away all debris and any off cuts

of wire etc must **not** be put down any postholes. Receptacles will be provided for this will be provided for this purpose. Soil will be available to make the ground good.

The Judge's decision is final.

TIMING

2 hours 30 minutes will be allowed

Time Penalties - Teams will be encouraged to complete the task but will lose one (1) point for every minute or part thereof over the allocated time. Teams will be asked to stop 30 minutes after the allocated time.

Please note that the tidying of tools and equipment away will be included in the time to complete the task.

SCALE OF MARKS

Box strainer assembly	50
High tensile fencing-strainer assembly	50
Turning Post	20
Intermediate post line and height	20
Fixing and tensioning of netting	40
Fixing and tensioning of plain wire	30
Join in netting	30
Overall neatness of finished job (Including surrounding area)	40
Written risk assessment	20
TOTAL	300

(For Wales YFC Field Day 29th April 2023)

Please Note: In regards to the Mrs Philippa Gough Trophy for the Overall Achievement Day Trophy, a clubs highest placed points will be accounted for up to the value of 325 points.

Judges & Stewards Please Note: No joint positions for 1st - 4th Placings

Entries to be submitted online by 7th November 2022. NO LATE ENTRY FORMS WILL BE ACCEPTED UNDER ANY CIRCUMSTANCES.

WITHDRAWAL FROM COMPETITIONS

Clubs/ Members are asked to notify the YFC Office of any withdrawals 14 days prior to a Competition. **PLEASE NOTE: All withdrawals from Club secretaries/Members must be made by email or by telephoning the YFC Office. If telephoning out of office hours, then a message should be left on the YFC Mobile phone.**

Please Note: That only members with up-to-date membership cards and are on the database in the YFC Office are eligible to compete. Members must apply online at least 5 Days before the competition.

PLEASE NOTE: If a member does not produce an up-to-date membership card at the competition, it will result in a £5.00 fine. The fine will be refundable only if they provide confirmation of membership within 7 days of the Competition.

General Rules apply to all competitions alongside the competition's rules.



Fence Erecting – Risk Assessment Template

Item	Activity <i>(Description of activity and associated hazards)</i>	Risk Evaluation <i>(No controls)</i>			Safety precautions <i>(Details of preventative or control measure for each hazard)</i>	Residual Risk Evaluation <i>(With Controls)</i>		
		P	S	R		P	S	R
1	Mild steel wire tensioned beyond breaking point causing eye damage	3	4	A	Wear suitable eye protection	3	2	C
2								
3								
4								
5								
6								
7								
8								
9								
10								

Probability [P] 1; Improbable 2; Remote 3; Possible 4; Probable	Severity [S] 1; Negligible 2; Minor 3; Severe 4; Extreme	Risk Level [R]
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	S1	S2	S3	S4
P1	#	#	#	C
P2	#	#	C	B
P3	#	C	B	A
P4	#	B	A	A



Consequences

A; Hazard MUST be eliminated or avoided, work NOT to proceed.
 B; Risk MUST be controlled by physical safeguards.
 C; Risk MUST be controlled so far as is reasonably practicable.
 #; Risk is adequately controlled / insignificant.