

# Strained Wire Fencing CLEB01X



<b>Credit value</b>	<b>3.1 Agriculture</b>
<b>Notional level</b>	
<b>Subject area classification</b>	
<b>Course type</b>	

<b>Objectives</b>	<ul style="list-style-type: none"> <li>Plan the line of the fence and decide the position of strainer, contour turning and intermediate posts.</li> <li>Estimate the quantity of materials required for a specific fencing job.</li> <li>Construct an adequate strainer post assembly of appropriate dimensions.</li> <li>Erect and strut turning and contour posts.</li> <li>Erect and strain specific wire types safely and correctly to appropriate tensions.</li> <li>Organise the fencing operation to minimise unproductive movement and excessive walking.</li> </ul> <p><b>This course can be run for either high or mild steel fencing both plain wire and netting. However, different types of fencing should not be mixed on the same course.</b></p>
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<b>Target audience</b>	This workshop is designed for anyone who is responsible for the planning and erection of strained wire fencing systems (with or without barbed wire).
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<b>Duration/timing</b>	One day
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<b>Ratios</b>	Instructor : learner                      1:6
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<b>Course sessions</b>	<ul style="list-style-type: none"> <li>Planning, equipment of tools</li> <li>Removal of old fence, preparing site, layout of materials</li> <li>Erecting strainer, contour and turning posts</li> <li>Running out and securing bottom wire</li> </ul>	<ul style="list-style-type: none"> <li>Erecting intermediates</li> <li>Running out, securing and tensioning high tensile barbed wire</li> <li>Finishing fence off</li> </ul>
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<b>Facilities and equipment</b>	<p><b>Training provider</b></p> <ul style="list-style-type: none"> <li>First aid kit.</li> <li>Suitable fire extinguisher.</li> <li>Strainer posts of appropriate dimensions.</li> <li>Turning and contour posts.</li> <li>Intermediate posts.</li> <li>Struts.</li> <li>Four 25kg coils plain wire or four 50 rolls of stock fencing.</li> <li>150mm galvanised wire nails.</li> <li>Monkey type wire strainers or straining boards.</li> <li>Galvanised 40mm staples.</li> <li>Spinning Jenny Wire Dispenser.</li> <li>Fence connectors.</li> <li>Ground anchors.</li> </ul>
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<b>Facilities and equipment continued</b>	<ul style="list-style-type: none"> <li>• Wood battens 4" x 2" x 1" to make measuring sticks.</li> <li>• Name cards / label stickers.</li> </ul> <hr/> <p><b>Instructor</b></p> <ul style="list-style-type: none"> <li>• Adjustable in-line type strainers (example only).</li> <li>• Saws, mallets and chisels (at least two of each).</li> <li>• Steel rule.</li> <li>• Wire spacing gauge – measuring stick.</li> <li>• Droppers.</li> <li>• Hand drill and bit.</li> <li>• Big hammer and wire splicer.</li> <li>• Large adjustable spanner.</li> <li>• Spade.</li> <li>• Rammer.</li> <li>• Shuv holer.</li> <li>• Post driver or meld.</li> <li>• Claw hammer (one each).</li> <li>• Pointed bar (to start holes).</li> <li>• Wire cutters (specific type for HT wires).</li> <li>• Fencing pliers.</li> </ul> <hr/> <p><b>Learner</b></p> <ul style="list-style-type: none"> <li>• Suitable clothes for practical outdoor course.</li> <li>• Saws, mallets and chisels (at least each of each).</li> <li>• Steel rule.</li> <li>• Wire spacing gauge – measuring stick.</li> <li>• Liaise with instructor for other equipment learners need to bring with them.</li> </ul>
<b>Venue</b>	<p>A site where a fence is required to be erected. If it is the site of an old fence, this must have been removed and disposed of prior to the course.</p>