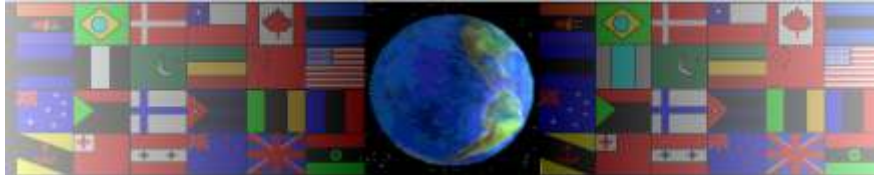


STEEL WELDING PROCEDURE - FLAT PLATES

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On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

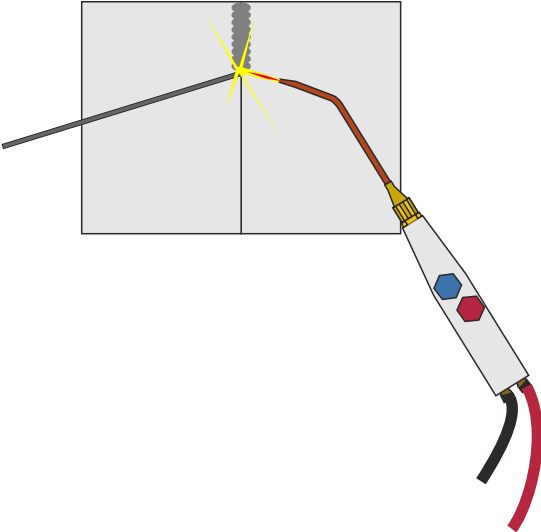
This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet .

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The table below should show the stages involved in welding flat steel plates. Complete the table by adding the missing text / descriptions and sketches.

STAGE DESCRIPTION	SKETCH
<p>1.</p> <p><i>The two steel plates are 'tacked' together. This involves welding in two or three places, to hold the plates together.</i></p>	
<p>2.</p>	
<p>3.</p> <p><i>The joint is allowed to cool slowly. When cool, the 'slag', which forms during the welding process, is tapped away using a welding hammer. The joint can now be inspected for accuracy and strength.</i></p>	