

EXAMINATION PREPARATION

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On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

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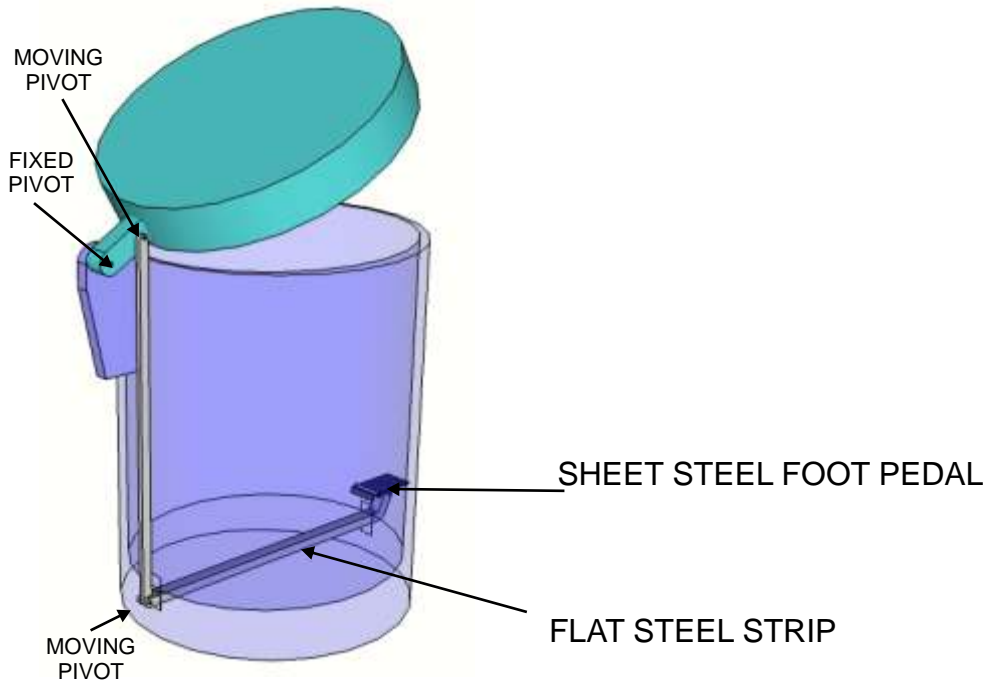
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MANUFACTURING PROCESSES - STEEL

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The stainless steel recycling bin seen below has a mechanism that has been manufactured using sheet steel and flat steel rectangular section. The parts have been primed and painted.

1. Why is it necessary to paint the steel?



2. What heat process could be used to join the flat steel strip to the sheet steel foot pedal?

HEAT PROCESS: _____

3. Handling hot metal can be very dangerous and result in serious injury. Complete the table below.

HAZARD	RISK TO USER	SAFETY MEASURE
PICKING UP HOT METAL		
HOT FLUX / SOLDER 'SPITS' DANGEROUSLY		
FUMES FROM HEAT PROCESS		