

SELF - ASSESSMENT GUIDE

Qualification:	FORGING NCIII	
Title of Certificate of Competency/ Unit of competency:	<ul style="list-style-type: none"> • Hand Forge Complex Shapes • Hammer Forge Complex Shapes • Perform Drop and Upset Forging 	
<p>Instruction:</p> <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a tick in the appropriate box opposite each question to indicate your answer. 		
Can I?	YES	NO
<ul style="list-style-type: none"> • Enumerate different forging machine and process 		
<ul style="list-style-type: none"> • Identify application of forging temperature for alloy steel, non-ferrous metal 		
<ul style="list-style-type: none"> • Set-up different dies for forging pass 		
<ul style="list-style-type: none"> • Recognize value of parting plane in a die 		
<ul style="list-style-type: none"> • Recognize values of draft in a die 		
<ul style="list-style-type: none"> • Recognize limitation of hydraulic and mechanical presses 		
<ul style="list-style-type: none"> • Use lubricants 		
<ul style="list-style-type: none"> • Select appropriate tools, formers and open-dies 		
<ul style="list-style-type: none"> • Select, set-up, perform heat-treatment 		
<ul style="list-style-type: none"> • Position and handle forging materials as per standard operating procedures 		
<ul style="list-style-type: none"> • Evaluate hammer tools, fixtures that are attached to machine as per standard operating procedures 		
<ul style="list-style-type: none"> • Check forge part to ensure conformance to tolerance and specifications 		

<ul style="list-style-type: none"> • Handle hot metals safely and according to standard operating procedures 		
<ul style="list-style-type: none"> • Select dies and punches according to job requirements 		
<ul style="list-style-type: none"> • Inspect and prepares dies 		
<ul style="list-style-type: none"> • Align and pre-heats dies 		
<ul style="list-style-type: none"> • Operate drop forging equipment 		
<ul style="list-style-type: none"> • Remove flash or pre-trimming 		
<ul style="list-style-type: none"> • Apply lubricant 		
<ul style="list-style-type: none"> • Identify forging defects and its rectification 		
<p>I agree to undertake assessment in the knowledge that information gathered will only be used for professional development purposes and can only be accessed by concerned assessment personnel and my manager/supervisor.</p>		
<p>Candidate's Name:</p>	<p>Date:</p>	