

## SELF - ASSESSMENT GUIDE

Qualification:	<b>FORGING NCII</b>		
Title of Certificate of Competency/ Unit of competency:	<ul style="list-style-type: none"> <li>• Perform hand forging</li> <li>• Perform hammer forging</li> <li>• Perform basic incidental heat / quenching, tempering and annealing</li> </ul>		
Instruction: <ul style="list-style-type: none"> <li>• Read each of the questions in the left-hand column of the chart.</li> <li>• Place a tick in the appropriate box opposite each question to indicate your answers.</li> </ul>			
<b>Can I?</b>	<b>YES</b>	<b>NO</b>	
<ul style="list-style-type: none"> <li>• Identify basic forging temperature range for low and medium carbon steel</li> </ul>			
<ul style="list-style-type: none"> <li>• Select hammer, formers, hand tools for specific forging technique</li> </ul>			
<ul style="list-style-type: none"> <li>• Identify heating equipment for hand forging</li> </ul>			
<ul style="list-style-type: none"> <li>• Set-up hammer forging machine and dies for open-die forging</li> </ul>			
<ul style="list-style-type: none"> <li>• Apply heating process</li> </ul>			
<ul style="list-style-type: none"> <li>• Operate, set-up and adjust heating equipment</li> </ul>			
<ul style="list-style-type: none"> <li>• Select material stocks</li> </ul>			
<ul style="list-style-type: none"> <li>• Operate, set-up, adjust hand forming</li> </ul>			
<ul style="list-style-type: none"> <li>• Know hand forging technique and process</li> </ul>			
<ul style="list-style-type: none"> <li>• Detect / rectify forging defects</li> </ul>			
<ul style="list-style-type: none"> <li>• Operate, and adjust oxy-acetylene, LPG gas equipment</li> </ul>			
<ul style="list-style-type: none"> <li>• Apply technique in handling hot metals</li> </ul>			

• Use temperature measuring instrument		
• Recognize and identify different dies for forging		
• Identify forging parts made by open-die forging technique		
• Clean parts between forging passes		
• Recognize safe work practices and procedures		
• Use and apply personal protective equipment		
<b>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.</b>		
<b>Candidate's Name:</b>	<b>Date:</b>	