

SELF-ASSESSMENT GUIDE

QUALIFICATION:	FOUNDRY MOLDING NC III		
Project-Based Assessment	Perform Hand Molding to Produce Heavy Casting		
Units of competency covered	<ul style="list-style-type: none"> • Prepare Sand Mixture for Heavy Casting • Perform Hand Molding to Produce Heavy Castings • Pour Molten Metal to Heavy Casting 		
<p>Instruction:</p> <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check on each question to indicate your answers. 			
Can I?	YES	NO	
• Determine job requirement*			
• Select materials*			
• Select mixer*			
• Mix sand mixer*			
• Discharge/store sand*			
• Prepare sand mixture for heavy casting*			
• Prepare pattern and accessories*			
• Make mold*			
• Apply mold coating*			
• Prepare hand molding to produce heavy casting*			
• Prepare for pouring molten metal*			
• Maintain quality of metal as required*			

• Pour molten metal to heavy castings*		
• Identify the primary considerations in molding heavy castings*		
• Identify usual mold defects*		
• Identify the usual casting defects attributed to molding*		
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.		
Candidate's Signature:	Date:	