

Self-Assessment Guide

QUALIFICATION:	CD / CAM OPERATION NC III	
Title of PBA:	Draw and Fabricate Cylinder and Top Plate	
Units of Competency Covered:	<ul style="list-style-type: none"> • Create Drawing Using CAD Software • Apply CAD / CAM Program 	
Instruction <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
• Gather instructions and relevant materials		
• Boot CAD package		
• Set screen display areas and basic parameters		
• Create basic drawing		
• Prepare drawings in accordance to existing standards		
• Review CAD drawings		
• Modify reviewed CAD drawings		
• Save drawing files		
• Print drawings		
• Shut-down programs and computer		
• Analyze workpiece, drawing, model		
• Select system parameters		
• Establish drawing reference point		
• Create profile, shape, contour of workpiece		
• Edit created/ import drawings to standards		
• Save created/imported drawing		
• Identify and sets CAM parameters		
• Create/ edit CNC programs		
• Create tool for the tool library		
• Set coordinates for tool path		
• Identify workpiece zero point		

• Generate tool paths in cycles format		
• Simulate tool paths in moderate speed		
• Edit cycles		
• Generate CNC program through post processor		
• Run program		
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 Name:	Date:	

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QUALIFICATION:	CD / CAM OPERATION NC III	
Certificate of Competency:	CREATE DRAWING USING CAD SOFTWARE	
Instruction <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
• Gather instructions and relevant materials		
• Boot CAD package		
• Set screen display areas and basic parameters		
• Create basic drawing		
• Prepare drawings in accordance to existing standards		
• Review CAD drawings		
• Modify reviewed CAD drawings		
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