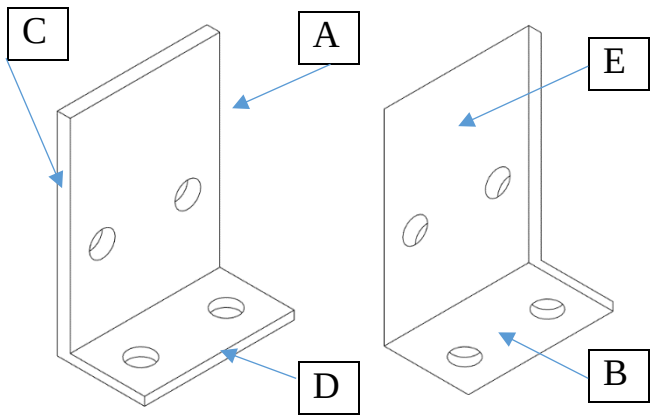
Fabrication Procedure Worksheet

Singapore Polytechnic **School of Mechanical & Aeronautical Engineering**	Fabrication Procedure Worksheet

QAYS FAARIS BIN JUMADI	**Project Number**	**Sheet 1 0f 1**



Part name : Wall Bracket

Drawing No.: 1

Material : Aluminium

Quantity :1

Total Time :

No.	**Operation**	**M/C used**	**Tool used**	**RPM used**	**Estimated Time (min)**	**Actual Time**
1	Clamp onto surface A & C ,with surface E facing the ground	Mill	Vice			
2	Face surface B to 2.5mm thickness	Mill	Flat Nose End Mill			
3	Clamp onto surface D ,with surface B facing the ground and surface C protruding out 5mm	Mill	Vice			
4	Face surface C	Mill	Flat Nose End Mill			
5	Re-clamp onto surface D ,with surface B facing the ground and surface A protruding out 5mm	Mill	Vice			
6	Face surface A to 35mm thickness	Mill	Flat Nose End Mill			
7	Centre drill for the two ø 6 holes	Mill	Centre Drill			
8	Drill the two holes ø 6 THRU	Mill	ø 6 Twist Drill			
9	Clamp onto surface A & C ,with surface E facing the ground	Mill	Vice			
10	Centre drill for the two ø 6 holes	Mill	Centre Drill			

11	Drill the two holes ø 6 THRU	Mill	ø 6 Twist Drill			
				Note : The above 3 columns to be entered after fabrication. All others before fabrication		
				Approval for fabrication _____ Date :		