



Item.	Q'ty	Descriptions
M	1	152.5X95X33X3.0, AA 5052 ALUMINIUM SHEET, TRAPEZOID, AS PER SKETCH
L	1	135X95X3.0, AA 5052 ALUMINIUM SHEET, TRIANGLE, AS PER SKETCH
K	2	112.7X67X3.0, AA 5052 ALUMINIUM SHEET
J	2	152.5X67X3.0, AA 5052 ALUMINIUM SHEET
I	1	OD 62X25X3.0, AA 5052 ALUMINIUM PIPE
H	1	180X120X3.0, AA 5052 ALUMINIUM SHEET
G	1	58.5X95X33X3.0, AA 5052 ALUMINIUM SHEET, TRAPEZOID, AS PER SKETCH
F	1	135X95X94X3.0, AA 5052 ALUMINIUM SHEET, TRAPEZOID, AS PER SKETCH
E	2	135X105X3.0, AA 5052 ALUMINIUM SHEET, TRIANGLE, AS PER SKETCH
D	1	134X30X3.0, AA 5052 ALUMINIUM SHEET
C	2	105X94X3.0, AA 5052 ALUMINIUM SHEET, TRIANGLE, AS PER SKETCH
B	1	134X105X3.0, AA 5052 ALUMINIUM SHEET
A	1	180X117X3.0, AA 5052 ALUMINIUM SHEET

- INSTRUCTIONS TO COMPETITORS**
1. WELDING PROCESS: ISO 4063-141 (AWS A3.0 GTAW)
  2. WELDING POSITIONS: ALL EXCEPT VERTICAL DOWN.
  3. NO GAPS ARE ALLOWED ON THE BUTT & CORNER WELD JOINTS.
  4. ALL BUTT & CORNER WELDS SHALL HAVE FULL PENETRATIONS.
  5. ALL THE WELDING TO BE CARRIED OUT WITH BASE PLATE "A" IN THE FLAT POSITION.
  6. ALL LEG SIZES OF FILLET WELDS: 4.0 mm WITH TOLERANCE (+2.0 mm/-0.0 mm).
  7. OUTSIDE CORNER WELD RADII TO BE JUDGEMENT ASSESSED WITH GRADE (0,1,2,3).
  8. ALL WELDS SHALL BE COMPLETED IN ONLY ONE PASS WITH FILLER ROD ADDED.

NOTE: ALL DIMENSIONS IN MILLIMETRE

Competition 2022  
Special Edition

Test Project for the WorldSkills  
Competition Special Edition 2022  
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Skill: 10. Welding, Schweißen, Soudage			
Designed by: Jingfeng Liu CN			
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