

27 Jewellery

WorldSkills Occupational Sta

Section	WSOS Marks
1	Work organization and management
2	Design jewellery components
3	Manufacture of precious metal alloys
4	Preparation of precious metal alloys for the manufacture of jewellery components
5	Manufacture of both simple and complex jewellery components
6	Surface finish

Criteria

ID	Name
A	Similarity to drawing
B	Sawing

C	Soldering
D	Surface Finish
E	Dimensions
F	Piece completed on time
G	Design Jewellery Components
H	
I	

Sub Criterion ID	Sub Criterion Name or Description	Day of Marking	Aspect Type M = Meas J = Judg	Aspect - Description	Judg Score
A1	Similarity to drawing Module 1	1	M J	A1.9- Mass of Module 1 Main Component A1.1-Similarity to drawings Top of Module 1- Position of pierced o	0 1 2 3
			J	A1.2-Similarity to drawings Top of Module 1 -External shape of m	0 1 2 3
			J	A1.4-Similarity to drawings side of Module 1-Shape of formed pla	0 1 2 3

A2	Similarity to drawing Module 2	2	J	A1.5-Similarity to drawings side of Module 1- Position and shape	0 1 2 3
			J	A1.6-Similarity to drawings side of Module 1- Position of 4 gallery	0 1 2 3
			J	A1.7-Similarity to drawings bottom of Module 1- underrail-Externa	0 1 2 3
			J	A1.8- Similarity to drawings bottom of Module 1 -Position and sh	0 1 2 3
			M	A2.10- Mass of Module 2- Main Component	
			J	A2.1- Similarity to drawings Top of Module 2 shape of domed cre	0 1 2 3
			J	A2.2-Similarity to drawings Top and Bottom of Module 2 domed p	0 1 2 3
			J	A2.3-Similarity to drawings Top of Module 2-Position of round ho	0

					1
					2
					3
		J	A2.4-Similarity the drawings bottom and side of Module 2-Underr		0
					1
					2
					3
		J	A2.5-Similarity to drawings sides of Module 2 domed crescent se		0
					1
					2
					3
		J	A2.6-Similarity to drawings side of Module 2 - Position and Angle		0
					1
					2
					3
		J	A2.7-Similarity to drawings side of Module 2 - Shape and form of		0
					1
					2
					3
		J	A2.8- Similarity to drawings Top and Bottom of Module 2- Three s		0
					1
					2
					3
		J	A2.9-Similarity to drawings sides of Module 2- claw setting		0
					1
					2
					3
A3	Similarity to drawing Module 3	3			
		J	A3.1- Similarity to drawings Top and Bottom of Module 3 - Pear S		0

A4	Similarity to drawing Module 4	4	J	A3.2-Similarity to drawings sides of Module 3- Pear Shaped Setti	1
					2
					3
					0
					1
			J	A3.4-Similarity the drawings Bottom and side of Module 3 - Unde	2
					3
					0
					1
					2
			J	A4.1- Similarity to drawings Top of module 4 completed- With all	3
					0
					1
					2
					3
			J	A4.2- Similarity to drawings Sides of module 4 completed- With a	0
					1
					2
					3
					0
			J	A4.3-Similarity to drawings Bottom of module 4 completed- With	1
					2
					3
					0
					1
Sub Criterion ID	Sub Criterion Name or Description	Day of Marking	Aspect Type M = Meas J = Judg	Aspect - Description	Judg Score
B1	Sawing / Milling for Module1	1	J	B1.1- Peircing on front of Module 1	

					0
					1
					2
					3
			J	B1.2- Peircing on back of Module 1	0
					1
					2
					3
B2	Sawing / Milling for Module2	2	J	B2.1-Ajour/ Shape of individual cells -	
					0
					1
					2
					3
			J	B2.2-Ajour/Angle of surfaces on Individual cells-	
					0
					1
					2
					3
			J	B2.3-Ajour/Position and shape of Ajour section	
					0
					1
					2
					3
			J	B2.5-Round holes/shape of holes	
					0
					1
					2
					3
			J	B2.6-Round holes/Taper and of holes	
					0
					1
					2
					3
B3	Sawing / Milling for Module3	3			

			J	B3.1- Peircing on Module 3 creative element- Saw pierced detail	0 1 2 3
			J	B3.2- Peircing on Module 3 creative element- Saw pierced detail	0 1 2 3
Sub Criterion ID	Sub Criterion Name or Description	Day of Marking	Aspect Type M = Meas J = Judg	Aspect - Description	Judg Score
C1	Soldering for Module 1	1	M J	C1.7 Surface Discolouration C1.1 Soldering of pierced overlay to top plate	0 1 2 3
			J	C1.2 Soldering of gallery post 1 to top plate and underrail	0 1 2 3
			J	C1.3 Soldering of gallery post 2 to underrail and horizontal gallery	0 1 2 3
			J	C1.4 Soldering of gallery post 3 to top plate and horizontal gallery	0 1 2 3

					0
					1
					2
					3
		J	C1.5 Soldering of Gallery post 4 to top plate and underrail		
					0
					1
					2
					3
		J	C1.6 Soldering of Horizontal gallery wire		
					0
					1
					2
					3
C2	Soldering for Module 2	2			
		M	C2.7 Surface Discolouration		
		J	C2.1 Soldering of closed section to the top plate and wire underrail		
					0
					1
					2
					3
		J	C2.2 Soldering of closed section to the top plate and wire underrail		
					0
					1
					2
					3
		J	C2.3 Soldering of gallery pillar to the top plate and underrail		
					0
					1
					2
					3
		J	C2.4 Soldering of scroll insert to the pillar, top plate and underrail		
					0

C3	Soldering for Module 3	3			1
					2
					3
			J	C2.5 Soldering of scroll insert to the pillar, top plate and underrail	
					0
					1
					2
					3
			J	C2.6 Soldering - Tube claw settings all	
					0
C4	Soldering for Module4	4			1
					2
					3
			M	C3.4 Surface Discolouration	
			J	C3.1 Soldering Pear shaped setting- All	
					0
					1
					2
					3
			J	C3.2 Soldering creative element- All soldering top	
					0
					1
					2
					3
			J	C3.3 Soldering creative element- All soldering sides and bottom	
					0
					1
					2
					3
			M	C4.8 Is the creative element soldered to both module 1 and 2 wh	
			M	Surface discolouration	

	J	C4.1 Visible Soldering on three claw setting	0 1 2 3
	J	C4.2 Visible Soldering on four claw setting	0 1 2 3
	J	C4.3 Soldering- 4 wire spacer tabs on underrails that join the mod	0 1 2 3
	J	C4.4 Soldering - Module 1 - 3 claw tube settings to top plate	0 1 2 3
	J	C4.5 Soldering - Module 1 - Pear setting to top plate	0 1 2 3
	J	C4.6 Soldering - Module 2 - 4 claw setting to top plate	0 1 2 3
	J	C4.7 Soldering - Module 2 - 3 claw setting to top plate	0

					1 2 3
Sub Criterion ID	Sub Criterion Name or Description	Day of Marking	Aspect Type M = Meas J = Judg	Aspect - Description	Judg Score
D1	Surface Finish for Module 1	1	J	D1.1 Surface Finish- Front	0 1 2 3
			J	D1.2 Surface Finish- Sides	0 1 2 3
			J	D1.3 Surface Finish- Back	0 1 2 3
D2	Surface Finish for Module 2	2	J	D2.1 Surface Finish- Front - Crescent Module	0 1 2 3
			J	D2.2 Surface Finish- Front/Back - Claw Setting	0 1 2 3
			J	D2.3 Surface Finish- Sides- Crescent Module	0

					1
					2
					3
			J	D2.4 Surface Finish- Sides - Claw Setting	0
					1
					2
					3
			J	D2.5 Surface Finish- Back- Crecent Module	0
					1
					2
					3
D3	Surface Finish for Module 3	3	J	D3.1 Surface Finish-Front Creative Module	0
					1
					2
					3
			J	D3.2 Surface Finish-Front/Back-Pear setting	0
					1
					2
					3
			J	D3.2 Surface Finish- Sides- Creative Module	0
					1
					2
					3
			J	D3.2 Surface Finish- Sides- Pear setting	0
					1
					2
					3
			J	D3.3 Surface Finish- Back- Creative Module	0

D4	Surface Finish for Module 4	4	J	D4.1 Overall Surface Finish - Complete project Front	1 2 3 0 1 2 3 0 1 2 3 0 1 2 3
			J	D4.2 Overall Surface Finish- Complete project Sides	
			J	D4.3 Overall Surface Finish - Complete project Back	
Sub Criterion ID	Sub Criterion Name or Description	Day of Marking	Aspect Type M = Meas J = Judg	Aspect - Description	Judg Score
E1	Dimensions for Module 1	1	M M M	Dimension 1- 46.00mm Dimension 2-13.30mm Dimension 3- 6.80mm	
E2	Dimensions for Module 2	2	M M M M	Dimension 1- 49.50mm Dimension 2- 17.50mm Dimension 3- 9.50mm Dimension 4- 5.00mm	
E3	Dimensions for Module 3	3	M M M	Dimension 1- 10.2mm Dimension 2- 10.8mm Dimension 3- 9.55mm	

E4	Dimensions for Module 4	4	M M M M M	Dimension 4- 5.50mm Dimension 1- 33.00mm Dimension 2- 10.50mm Dimension 4- 3.80mm Dimension 6- 3.30mm	
Sub Criterion ID	Sub Criterion Name or Description	Day of Marking	Aspect Type M = Meas J = Judg	Aspect - Description	Judg Score
F1	Module 1 completed on time	1	M M M	F1.1- N.º components/elements- -All Components Present. F1.2- N.º components/elements- -All Solder Joins Attempted. F1.3- N.º components/elements- -All Perforations Present.	
F2	Module 2 completed on time	2	M M M	F2.1- N.º components/elements- -All Components Present F2.2- N.º components/elements- -All Solder Joins Attempted F2.3- N.º components/elements- -All Perforations Present	
F3	Module 3 completed on time	3	M M M	F3.1- N.º components/elements -All Components Present F3.2- N.º components/elements -All Solder Joins Attempted F3.3- N.º components/elements -All All Perforations Present	
F4	Module 4 completed on time	4	M M M	F4.1-N.º components/elements-All Components Present F4.2-N.º components/elements-All All Solder Joins Attempted F4.3-N.º components/elements-All Perforations Present	
Sub Criterion ID	Sub Criterion Name or Description	Day of Marking	Aspect Type M = Meas J = Judg	Aspect - Description	Judg Score
G1	Design Jewellery Components-Module 1	1	M M	M1.1- Are there four drawings M1.2- Are there callouts	

G2	Design jewellery Components-Module 2	2	M	M2.1-Two drawings present	0 1 2 3
			M	M2.2- Are there callouts	
			J	M2.1- Can you see a design process. Is there a clear evolution b	
G3	Design jewellery Components-Module 3	3	M	M3.2-Contains shape/s and formed component/s.	0 1 2 3
			M	M3.3-Contains a saw pierced element.	
			M	M3.4-Contains 1 tapered round claw setting	
			M	M3.4-Contains 1 non circular or oval bezel setting	
			M	M3.5- Contains an open Gallery that contains gallery posts	
			M	M3.7-Does the piece sit flat when assessed	
			J	G3.1- Sketches-Through the images and descriptions provided h	
G4	Design Jewellery Components- Module 4	4			0 1 2 3
			J	G3.3.- How well does the feeling of the drawing or modified draw	0 1 2 3
			J	G4.1- How well does the creative elements compliment the entire	0 1 2 3

Sub Criterion ID	Sub Criterion Name or Description	Day of Marking	Aspect Type M = Meas J = Judg	Aspect - Description	Judg Score
Sub Criterion ID	Sub Criterion Name or Description	Day of Marking	Aspect Type M = Meas J = Judg	Aspect - Description	Judg Score

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Standards			
	WSOS Marks	Aspect Marks	Variation
	20.00	20.90	0.90
	20.00	18.75	1.25
	5.00	4.75	0.25
	10.00	10.25	0.25
	30.00	30.35	0.35
	15.00	15.00	0.00
Total Variation			3.00

Mark
18.00
10.00

	16.00
	15.00
	20.00
	5.00
	16.00

Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Requirement (Measurement Only)	WSOS Section	Calculation Row (Export only)	Max Mark
	6.71	3 5	1	1.50 0.75
When overlaid on the TPD, how well does the saw pierce Shapes immediately visible as different from lines on draw Shapes distinguishable but similar to lines on drawing Shapes almost indistinguishable from lines on drawing Shapes indistinguishable, without measurement, from line You are to consider the external shape when viewed looki Shapes immediately visible as different from lines on draw Shapes distinguishable but similar to lines on drawing Shapes almost indistinguishable from lines on drawing Shapes indistinguishable, without measurement, from line When laid over the TPD, how well has the plate been form Shapes immediately visible as different from lines on draw Shapes distinguishable but similar to lines on drawing Shapes almost indistinguishable from lines on drawing Shapes indistinguishable, without measurement, from line		5		0.75
		5		0.75

Criterion A Total Mark 18.00

When laid over the TPD, how well does the horizontal wire	5		0.75
Are the curves flowing naturally to the form of the drawing			
Shapes immediately visible as different from lines on drawing			
Shapes distinguishable but similar to lines on drawing			
Shapes almost indistinguishable from lines on drawing			
Shapes indistinguishable, without measurement, from line			
When laid over the TPD, how well do the 4 gallery/underrail	5		0.50
You are to assess how well the gallery/underrail pillars align			
Shapes immediately visible as different from lines on drawing			
Shapes distinguishable but similar to lines on drawing			
Shapes almost indistinguishable from lines on drawing			
Shapes indistinguishable, without measurement, from line			
When laid over the TPD, how well does the underrail match	5		0.50
Is the metal width uniform without thick or narrow sections			
Shapes immediately visible as different from lines on drawing			
Shapes distinguishable but similar to lines on drawing			
Shapes almost indistinguishable from lines on drawing			
Shapes indistinguishable, without measurement, from line			
When overlaid on the TPD, how well does the shape of the	5		0.25
Pay attention to its position and shape in relation to the technical			
Shapes immediately visible as different from lines on drawing			
Shapes distinguishable but similar to lines on drawing			
Shapes almost indistinguishable from lines on drawing			
Shapes indistinguishable, without measurement, from line			
	3	2	1.75
When overlaid on the TPD, how well does the domed plate	5		0.75
Shapes immediately visible as different from lines on drawing			
Shapes distinguishable but similar to lines on drawing			
Shapes almost indistinguishable from lines on drawing			
Shapes indistinguishable, without measurement, from line			
When overlaid on the TPD, how well does the two pierced	5		0.50
Pay attention to its position and shape in relation to the technical			
Shapes immediately visible as different from lines on drawing			
Shapes distinguishable but similar to lines on drawing			
Shapes almost indistinguishable from lines on drawing			
Shapes indistinguishable, without measurement, from line			
When laid over the TPD, how well do the round holes match	5		0.75
Shapes immediately visible as different from lines on drawing			

Shapes distinguishable but similar to lines on drawing			
Shapes almost indistinguishable from lines on drawing			
Shapes indistinguishable, without measurement, from line			
When laid over the TPD, how well does the Gallery match	5		0.50
Is the metal width uniform without thick or narrow sections			
Shapes immediately visible as different from lines on draw			
Shapes distinguishable but similar to lines on drawing			
Shapes almost indistinguishable from lines on drawing			
Shapes indistinguishable, without measurement, from line			
Experts are to assess how well the doming and forming m	5		1.00
Shapes immediately visible as different from lines on draw			
Shapes distinguishable but similar to lines on drawing			
Shapes almost indistinguishable from lines on drawing			
Shapes indistinguishable, without measurement, from line			
Experts are to assess how well the gallery/underrail pillar &	5		0.20
Shapes immediately visible as different from lines on draw			
Shapes distinguishable but similar to lines on drawing			
Shapes almost indistinguishable from lines on drawing			
Shapes indistinguishable, without measurement, from line			
You are to consider the quality of the external shape and i	5		0.80
Are the scrolls formed evenly. Is the metal thiickness unifc			
Shapes immediately visible as different from lines on draw			
Shapes distinguishable but similar to lines on drawing			
Shapes almost indistinguishable from lines on drawing			
Shapes indistinguishable, without measurement, from line			
When laid over the TPD, how well does the claw setting m	5		0.50
Are the tubes correctly positioned. Are the round claws po			
Shapes immediately visible as different from lines on draw			
Shapes distinguishable but similar to lines on drawing			
Shapes almost indistinguishable from lines on drawing			
Shapes indistinguishable, without measurement, from line			
Are the 8 wire claws the correct height and are they correc	5		0.50
Shapes immediately visible as different from lines on draw			
Shapes distinguishable but similar to lines on drawing			
Shapes almost indistinguishable from lines on drawing			
Shapes indistinguishable, without measurement, from line			
When laid over the TPD, how well do the Pear Shaped Se	6		0.50
Shapes immediately visible as different from lines on draw			

Shapes distinguishable but similar to lines on drawing				
Shapes almost indistinguishable from lines on drawing				
Shapes indistinguishable, without measurement, from line				
When laid over the TPD, how well does the Pear Shaped	6			0.50
Shapes immediately visible as different from lines on draw				
Shapes distinguishable but similar to lines on drawing				
Shapes almost indistinguishable from lines on drawing				
Shapes indistinguishable, without measurement, from line				
When laid over the TPD, how well does the Gallery match	5			0.50
Shapes immediately visible as different from lines on draw				
Shapes distinguishable but similar to lines on drawing				
Shapes almost indistinguishable from lines on drawing				
Shapes indistinguishable, without measurement, from line				
Experts are to consider the accuracy of the external shape	4			2.00
Pay attention to the spacing of components as shown in th				
Shapes immediately visible as different from lines on draw				
Shapes distinguishable but similar to lines on drawing				
Shapes almost indistinguishable from lines on drawing				
Shapes indistinguishable, without measurement, from line	4			1.00
Experts are to consider the accuracy of the external shape				
Shapes immediately visible as different from lines on draw				
Shapes distinguishable but similar to lines on drawing				
Shapes almost indistinguishable from lines on drawing				
Shapes almost indistinguishable from lines on drawing				
When laid over the TPD how well does the external shape	4			0.50
Shapes immediately visible as different from lines on draw				
Shapes distinguishable but similar to lines on drawing				
Shapes almost indistinguishable from lines on drawing				
Shapes almost indistinguishable from lines on drawing				
Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Requirement (Measurement Only)	WSOS Section	Calculation Row (Export only)	Max Mark
Experts are to assess how metal has been removed to cre		4		1.00

Criterion B Total Mark 10.00

Is the sawing uniform and free from over cutting. Are inter
Shapes different to drawing with uneven sawing (or not at
Shapes similar to drawing with some uneven sawing
Shapes almost indistinguishable from drawing and surface
Shapes indistinguishable, without measurement, from dra
Is the sawing uniform and free from over cutting. Are inter
Shapes different to drawing with uneven sawing (or not at
Shapes similar to drawing with some uneven sawing
Shapes almost indistinguishable from drawing and surface
Shapes indistinguishable, without measurement, from dra

4

0.50

Experts are to assess how metal has been removed to cre

4

2.00

Is each external ajour shape uniform and reflective of the
Shapes different to drawing with excessive mis-alignment
Shapes similar to drawing with some mis-alignment and s
Shapes almost indistinguishable from drawing and surface
Shapes indistinguishable, without measurement, from dra

6

2.00

Experts are to assess how metal has been removed to cre
Are the ajour surfaces flat and free of over cutting. Remen
Shapes different to drawing with uneven sawing (or not at
Shapes similar to drawing with some uneven sawing.

Shapes almost indistinguishable from drawing and surface
Shapes indistinguishable, without measurement, from dra

4

1.50

Experts are to assess the position of the ajour seccion on
Overall shape different to drawing with excessive mis-align
Overall shapes similar to drawing with some mis-alignmen
Overall shapes almost indistinguishable from drawing and
Overall shapes indistinguishable, without measurement, fr

6

0.75

Experts are to assess how well metal has been removed t
Shapes different to drawing with excessive mis-alignment
Shapes similar to drawing with some mis-alignment and s
Shapes almost indistinguishable from drawing and surface
Shapes indistinguishable, without measurement, from dra

6

0.50

Experts are to assess how well metal has been removed t
Shapes different to drawing with excessive uneven sawing
Shapes similar to drawing with some uneven sawing
Shapes almost indistinguishable from drawing and surface
Shapes indistinguishable, without measurement, from dra

Experts are to assess how well metal has been removed t Shapes different to drawing with excessive uneven sawing Shapes similar to drawing with some uneven sawing Shapes almost indistinguishable from drawing and surface Shapes indistinguishable, without measurement, from dra Experts are to assess how well metal has been removed t Shapes different to drawing with excessive uneven sawing Shapes similar to drawing with some uneven sawing Shapes almost indistinguishable from drawing and surface Shapes indistinguishable, without measurement, from dra		6		1.25
		5		0.50
Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Requirement (Measurement Only)	WSOS Section	Calculation Row (Export only)	Max Mark
Is the surface a uniform yellow colour free of oxidisation Is the soldering iniform . Has it flowed completely. Is there Is there evidence of solder scaring from overheating. Poor distribution of solder at contact points, too much exce Sufficiently distributed solder at some contact points, some Uniform distribution of solder at most contact points, minim Uniform distribution of solder at all contact points with no v Is the soldering iniform . Has it flowed completely. Is there Is there evidence of solder scaring from overheating. Poor distribution of solder at contact points, too much exce Sufficiently distributed solder at some contact points, some Uniform distribution of solder at most contact points, minim Uniform distribution of solder at all contact points with no v Is the soldering iniform . Has it flowed completely. Is there Is there evidence of solder scaring from overheating. Poor distribution of solder at contact points, too much exce Sufficiently distributed solder at some contact points, some Uniform distribution of solder at most contact points, minim Uniform distribution of solder at all contact points with no v Is the soldering iniform . Has it flowed completely. Is there Is there evidence of solder scaring from overheating.	Y/N	3		0.25
		5		0.75
		5		0.50
		5		0.50

Criterion C Total Mark 16.00

Poor distribution of solder at contact points, too much excess solder				
Sufficiently distributed solder at some contact points, some excess solder				
Uniform distribution of solder at most contact points, minimal excess solder				
Uniform distribution of solder at all contact points with no visible excess solder				
Is the soldering uniform . Has it flowed completely. Is there evidence of solder scarring from overheating.	5		0.50	
Poor distribution of solder at contact points, too much excess solder				
Sufficiently distributed solder at some contact points, some excess solder				
Uniform distribution of solder at most contact points, minimal excess solder				
Uniform distribution of solder at all contact points with no visible excess solder				
Is the soldering uniform . Has it flowed completely. Is there evidence of solder scarring from overheating.	5		0.50	
Poor distribution of solder at contact points, too much excess solder				
Sufficiently distributed solder at some contact points, some excess solder				
Uniform distribution of solder at most contact points, minimal excess solder				
Uniform distribution of solder at all contact points with no visible excess solder				
Is the surface a uniform yellow colour free of oxidation	Y/N	3	0.25	
Is the soldering uniform . Has it flowed completely. Is there evidence of solder scarring from overheating.		5	0.75	
Poor distribution of solder at contact points, too much excess solder				
Sufficiently distributed solder at some contact points, some excess solder				
Uniform distribution of solder at most contact points, minimal excess solder				
Uniform distribution of solder at all contact points with no visible excess solder				
Is the soldering uniform . Has it flowed completely. Is there evidence of solder scarring from overheating.	5		0.75	
Poor distribution of solder at contact points, too much excess solder				
Sufficiently distributed solder at some contact points, some excess solder				
Uniform distribution of solder at most contact points, minimal excess solder				
Uniform distribution of solder at all contact points with no visible excess solder				
Is the soldering uniform . Has it flowed completely. Is there evidence of solder scarring from overheating.	5		0.50	
Poor distribution of solder at contact points, too much excess solder				
Sufficiently distributed solder at some contact points, some excess solder				
Uniform distribution of solder at most contact points, minimal excess solder				
Uniform distribution of solder at all contact points with no visible excess solder				
Is the soldering uniform . Has it flowed completely. Is there evidence of solder scarring from overheating.	5		0.50	

Sufficiently distributed solder at some contact points, some				
Uniform distribution of solder at most contact points, minim				
Uniform distribution of solder at all contact points with no v				
Is the soldering uniform . Has it flowed completely. Is there	5			0.50
Is there evidence of solder scarring from overheating.				
Poor distribution of solder at contact points, too much exce				
Sufficiently distributed solder at some contact points, some				
Uniform distribution of solder at most contact points, minim				
Uniform distribution of solder at all contact points with no v				
Is the soldering uniform . Has it flowed completely. Is there	5			0.75
Is there evidence of solder scarring from overheating.				
Poor distribution of solder at contact points, too much exce				
Sufficiently distributed solder at some contact points, some				
Uniform distribution of solder at most contact points, minim				
Uniform distribution of solder at all contact points with no v				
Is the surface a uniform yellow colour free of oxidisation	Y/N	3		0.25
Is the soldering uniform . Has it flowed completely. Is there		5		0.75
Is there evidence of solder scarring from overheating.				
Poor distribution of solder at contact points, too much exce				
Sufficiently distributed solder at some contact points, some				
Uniform distribution of solder at most contact points, minim				
Uniform distribution of solder at all contact points with no v				
Is the soldering uniform . Has it flowed completely. Is there		5		1.25
Is there evidence of solder scarring from overheating.				
Poor distribution of solder at contact points, too much exce				
Sufficiently distributed solder at some contact points, some				
Uniform distribution of solder at most contact points, minim				
Uniform distribution of solder at all contact points with no v				
Is the soldering uniform . Has it flowed completely. Is there		5		0.80
Is there evidence of solder scarring from overheating.				
Poor distribution of solder at contact points, too much exce				
Sufficiently distributed solder at some contact points, some				
Uniform distribution of solder at most contact points, minim				
Uniform distribution of solder at all contact points with no v				
Soldered points should provide strong joints that anchor th	2	3	3	0.50
Enter the number of visible solder joins - Max 2				
Is the surface a uniform yellow colour free of oxidisation	Y/N	3		0.25

Is the soldering uniform . Has it flowed completely. Is there Is there evidence of solder scarring from overheating. Poor distribution of solder at contact points, too much excess Sufficiently distributed solder at some contact points, some Uniform distribution of solder at most contact points, minimal Uniform distribution of solder at all contact points with no visible	5	0.50
Is the soldering uniform . Has it flowed completely. Is there Is there evidence of solder scarring from overheating. Poor distribution of solder at contact points, too much excess Sufficiently distributed solder at some contact points, some Uniform distribution of solder at most contact points, minimal Uniform distribution of solder at all contact points with no visible	5	0.50
Is the soldering uniform . Has it flowed completely. Is there Is there evidence of solder scarring from overheating. Poor distribution of solder at contact points, too much excess Sufficiently distributed solder at some contact points, some Uniform distribution of solder at most contact points, minimal Uniform distribution of solder at all contact points with no visible	5	0.80
Is the soldering uniform . Has it flowed completely. Is there Is there evidence of solder scarring from overheating. Poor distribution of solder at contact points, too much excess Sufficiently distributed solder at some contact points, some Uniform distribution of solder at most contact points, minimal Uniform distribution of solder at all contact points with no visible	6	0.75
Is the soldering uniform . Has it flowed completely. Is there Is there evidence of solder scarring from overheating. Poor distribution of solder at contact points, too much excess Sufficiently distributed solder at some contact points, some Uniform distribution of solder at most contact points, minimal Uniform distribution of solder at all contact points with no visible	6	0.75
Is the soldering uniform . Has it flowed completely. Is there Is there evidence of solder scarring from overheating. Poor distribution of solder at contact points, too much excess Sufficiently distributed solder at some contact points, some Uniform distribution of solder at most contact points, minimal Uniform distribution of solder at all contact points with no visible	1	0.70
Is the soldering uniform . Has it flowed completely. Is there Is there evidence of solder scarring from overheating. Poor distribution of solder at contact points, too much excess Sufficiently distributed solder at some contact points, some Uniform distribution of solder at most contact points, minimal Uniform distribution of solder at all contact points with no visible	1	0.70

Sufficiently distributed solder at some contact points, some
Uniform distribution of solder at most contact points, minor
Uniform distribution of solder at all contact points with no visible

Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Requirement (Measurement Only)	WSOS Section	Calculation Row (Export only)	Max Mark
Does the surface meet the standards of the sample plates Polished and/or unfinished surface, or with excessive scratches Surface(s) generally smooth and with some scratches, major Surface(s) almost completely smooth and with minimal scratches Surface(s) completely smooth and without scratches, major		6		1.50
Does the surface meet the standards of the sample plates Polished and/or unfinished surface, or with excessive scratches Surface(s) generally smooth and with some scratches, major Surface(s) almost completely smooth and with minimal scratches Surface(s) completely smooth and without scratches, major		6		1.00
Does the surface meet the standards of the sample plates Polished and/or unfinished surface, or with excessive scratches Surface(s) generally smooth and with some scratches, major Surface(s) almost completely smooth and with minimal scratches Surface(s) completely smooth and without scratches, major		1		1.50
Does the surface meet the standards of the sample plates Polished and/or unfinished surface, or with excessive scratches Surface(s) generally smooth and with some scratches, major Surface(s) almost completely smooth and with minimal scratches Surface(s) completely smooth and without scratches, major		6		1.25
Does the surface meet the standards of the sample plates Polished and/or unfinished surface, or with excessive scratches Surface(s) generally smooth and with some scratches, major Surface(s) almost completely smooth and with minimal scratches Surface(s) completely smooth and without scratches, major		6		0.25
Does the surface meet the standards of the sample plates Polished and/or unfinished surface, or with excessive scratches Surface(s) generally smooth and with some scratches, major Surface(s) almost completely smooth and with minimal scratches Surface(s) completely smooth and without scratches, major		6		1.00

Criterion D

Total
Mark

15.00

Surface(s) generally smooth and with some scratches, mar			
Surface(s) almost completely smooth and with minimal sc			
Surface(s) completely smooth and without scratches, mar			
Does the surface meet the standards of the sample plates	6		0.50
Polished and/or unfinished surface, or with excessive scla			
Surface(s) generally smooth and with some scratches, mar			
Surface(s) almost completely smooth and with minimal sc			
Surface(s) completely smooth and without scratches, mar			
Does the surface meet the standards of the sample plates	1		1.00
Polished and/or unfinished surface, or with excessive scla			
Surface(s) generally smooth and with some scratches, mar			
Surface(s) almost completely smooth and with minimal sc			
Surface(s) completely smooth and without scratches, mar			
Experts are to exclude any deliberate surface textures or f	2		1.50
Does the surface meet the standards of the sample plates			
Polished and/or unfinished surface, or with excessive scla			
Surface(s) generally smooth and with some scratches, mar			
Surface(s) almost completely smooth and with minimal sc			
Surface(s) completely smooth and without scratches, mar			
Does the surface meet the standards of the sample plates	2		0.25
Polished and/or unfinished surface, or with excessive scla			
Surface(s) generally smooth and with some scratches, mar			
Surface(s) almost completely smooth and with minimal sc			
Surface(s) completely smooth and without scratches, mar			
Experts are to exclude any deliberate surface textures or f	2		0.75
Does the surface meet the standards of the sample plates			
Polished and/or unfinished surface, or with excessive scla			
Surface(s) generally smooth and with some scratches, mar			
Surface(s) almost completely smooth and with minimal sc			
Surface(s) completely smooth and without scratches, mar			
Does the surface meet the standards of the sample plates	2		0.25
Polished and/or unfinished surface, or with excessive scla			
Surface(s) generally smooth and with some scratches, mar			
Surface(s) almost completely smooth and with minimal sc			
Surface(s) completely smooth and without scratches, mar			
Experts are to exclude any deliberate surface textures or f	2		1.00
Does the surface meet the standards of the sample plates			
Polished and/or unfinished surface, or with excessive scla			

Surface(s) generally smooth and with some scratches, mar
Surface(s) almost completely smooth and with minimal sc
Surface(s) completely smooth and without scratches, mar

Does the surface meet the standards of the sample plates
Polished and/or unfinished surface, or with excessive s
Surface(s) generally smooth and with some scratches, ma
Surface(s) almost completely smooth and with minimal sc
Surface(s) completely smooth and without scratches, mar
Does the surface meet the standards of the sample plates
Polished and/or unfinished surface, or with excessive s
Surface(s) generally smooth and with some scratches, ma
Surface(s) almost completely smooth and with minimal sc
Surface(s) completely smooth and without scratches, mar
Does the surface meet the standards of the sample plates
Polished and/or unfinished surface, or with excessive s
Surface(s) generally smooth and with some scratches, ma
Surface(s) almost completely smooth and with minimal sc
Surface(s) completely smooth and without scratches, mar

6

1.50

6

1.00

4

0.75

Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Requirement (Measurement Only)	WSOS Section	Calculation Row (Export only)	Max Mark
	46	5	4	2.00
	13.3	1	5	2.00
	6.8	1	6	1.00
	49.5	5	7	2.00
	17.5	1	8	2.00
	9.5	1	9	1.50
	5	1	10	0.50
	10.2	5	11	2.00
	10.8	1	12	1.00
	9.55	1	13	1.00

Criterion E Total Mark 20.00

	5.5	1	14	1.00
	33	5	15	2.00
	10.5	1	16	1.00
	3.8	1	17	0.50
	3.3	1	18	0.50
Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Requirement (Measurement Only)	WSOS Section	Calculation Row (Export only)	Max Mark
8 Components	8	1	19	0.45
13 Solder Joins	13	1	20	0.50
5 Perforations	5	1	21	0.20
18 Components	18	1	22	0.50
22 Solder joins	22	1	23	0.70
21 Perforations	21	1	24	0.40
6 Components	6	1	25	0.30
7 Solder joins	7	1	26	0.40
3 Perforations	3	1	27	0.20
22 Components	22	1	28	0.45
36 Solder Joins	33	1	29	0.70
2 Perforations	2	1	30	0.20
Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Requirement (Measurement Only)	WSOS Section	Calculation Row (Export only)	Max Mark
Has the competitor submitted the four required drawings	4	2	31	1.00
Are callouts explaining there creative thinking clearly visible	Y/N	2		1.00

Criterion F Total Mark 5.00

Criterion G Total Mark 16.00

Has the competitor submitted the two required drawings	2	2	32	1.00
Are callouts explaining their creative thinking clearly visible	Y/N	2		1.00
When looking at the images, can you see a clear evolution		2		1.00
Simple non expressive designs that do not reflect the design brief				
Basic ideas, with some interesting aspects and some imagination				
Some originality and creativity, reflecting the design brief.				
Highly original and creative design that exceeds the design brief				
Enter the number of component present - Maximum of 4	4	4	33	1.00
Full marks are reached after 4 components are present. N	Y/N	2		0.75
Enter the number of claws present-Max 6	6	2	34	1.50
Full marks are reached after 6 components are present. N	Y/N	2		0.80
Enter the number of gallery posts present - Max 6.	6	2	35	1.20
Scroll or Arched or Decorative gallery posts will be counted				
Full marks are reached after 6 components are present. N	Y/N	2		0.75
		2		1.00
Poor to no call outs indicating what the competitor's inspiration is				
Basic call outs indicating making techniques, stones, surface textures				
Clear indication of details with call outs that define the components				
Comprehensive and clearly defined images with exploded views		2		2.00
Lacking originality, unbalanced basic design, with little creativity				
Basic ideas, with some interesting aspects and some imagination				
Showing some originality, expressive with good balance of components				
Creative original design, highly expressive and well-balanced				
When considered against the mandatory components, has the design		2		2.00
Creative element appears awkward and contradictory to the design				
Creative element does not look out of place, but contains some originality				
Creative element compliments the design and looks intentional				
Creative element compliments the overall design and enhances the design				

Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Requirement (Measurement Only)	WSOS Section	Calculation Row (Export only)	Max Mark
Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Requirement (Measurement Only)	WSOS Section	Calculation Row (Export only)	Max Mark

Criterion H Total Mark 0.00

Criterion I Total Mark 0.00

Competition Total Mark 100.00