

25 Joinery

WorldSkills Occupational Standard

| Section | WSOS Marks |
|---------|---|
| 1 | Work organization and management |
| 2 | Communication and interpersonal skills |
| 3 | Problem solving, innovation, and creativity |
| 4 | Produce a working drawing |
| 5 | Preparing materials |
| 6 | Internal and external joints |
| 7 | Assembly |
| 8 | Measurements |
| 9 | Finishing |
| 10 | Installing |

Criteria

| ID | Name |
|----|-----------------|
| A | Drawing |
| B | Internal Joints |
| C | External Joints |
| D | Measurements |
| E | Finish |
| F | Conformity |
| G | |
| H | |
| I | |

| Sub Criterion ID | Sub Criterion Name or Description | Day of Marking | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
|------------------------|--------------------------------------|-------------------|---|---|------------------|
| A1 | DRAWING - LINE WORK | 1 | M M J | Joint details Line types Linework | 0 1 2 3 |

| | | | | | |
|----|----------------------------------|---|---|--|---|
| | | | J | Neatness | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| A2 | DRAWING -Primary Measurements | 1 | M | Measurement A - Overall Height | |
| | | | M | Measurement B - Width across bottom | |
| | | | M | Measurement C - Width across Top Corners | |
| | | | M | Measurement D - Height of window stile (right side) | |
| | | | M | Measurement E - Width of window top rail | |
| A3 | DRAWING - Secondary Measurements | 1 | M | Measurement F - distance between risers | |
| | | | M | Measurement G - Height between rails | |
| | | | M | Measurement H - Distance to bottom of mid rail | |
| | | | M | Measurement I - Distance from mid rail to bottom of branch | |
| | | | M | Measurement J - location of right hand branch | |
| A4 | DRAWING - Secondary Measurements | 1 | M | Measurement K - location of top of mullion | |

| A5 | DRAWING - Radius | 1 | M | Measurement L - Distance to bottom of mid rail | |
|------------------------|--------------------------------------|-------------------|---|---|------------------|
| | | | M | Measurement M - internal of right hand panel | |
| | | | M | Measurement N - bottom rail to mid rail right side | |
| | | | M | Measurement O - bottom rail to mid rail left side | |
| | | | M | Measurement - Radius 1 (top of frame) | |
| | | | M | Measurement - Radius 2 (mid rails top and bottom) | |
| | | | M | Measurement - Radius 3 (Mid rails top and bottom) | |
| Sub Criterion ID | Sub Criterion Name or Description | Day of Marking | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
| B1 | INTERNAL JOINTS - Flat Panel / 1 | 3 | M M M M J | Joint A Joint B Joint C Joint D Joint A | 0 1 2 3 |
| | | | J | Joint B | |

| | | | | | |
|----|----------------------------------|---|---|---------|---|
| | | | | | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| | | | J | Joint C | |
| | | | | | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | J | Joint D | 3 |
| | | | | | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| B2 | INTERNAL JOINTS - Flat Panel / 2 | 3 | | | |
| | | | M | Joint E | |
| | | | M | Joint F | |
| | | | M | Joint G | |
| | | | M | Joint H | |
| | | | J | Joint E | |
| | | | | | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| | | | J | Joint F | |
| | | | | | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| | | | J | Joint G | |
| | | | | | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| | | | J | Joint H | |
| | | | | | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |

| | | | | | |
|----|----------------------------------|---|---|---------|---|
| B3 | INTERNAL JOINTS - Flat Panel / 3 | 3 | M | Joint I | 0 |
| | | | M | Joint J | |
| | | | M | Joint K | |
| | | | J | Joint I | |
| | | | | | |
| | | | | | |
| | | | J | Joint J | |
| | | | | | |
| | | | J | Joint K | |
| | | | | | |
| B4 | INTERNAL JOINTS - Frame /1 | 4 | M | Joint L | 0 |
| | | | M | Joint M | |
| | | | M | Joint N | |
| | | | M | Joint O | |
| | | | J | Joint L | |
| | | | | | |
| | | | | | |
| | | | J | Joint M | |
| | | | | | |
| | | | J | Joint N | |

| B5 | INTERNAL JOINTS - Frame / 2 | 4 | J | Joint O | 0 1 2 3 |
|------------------|-----------------------------------|----------------|-------------------------------------|------------------------------|------------------|
| | | | M | Joint P | 0 1 2 3 |
| | | | M | Joint Q | |
| | | | M | Joint R | |
| | | | M | Joint S | |
| | | | J | Joint P | 0 1 2 3 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | J | Joint Q | 0 1 2 3 |
| | | | | | 0 1 2 3 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | J | Joint R | 0 1 2 3 |
| | | | | | 0 1 2 3 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | J | Joint S | 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 | EXTERNAL JOINTS - Flat Panel /1 | 3 | M | Joint A - All external faces | |

| | | | | | |
|----|---------------------------------|---|---|--|---|
| | | | M | Joint B - All external faces | |
| | | | M | Joint C - All external faces | |
| | | | M | Joint D - All external faces | |
| | | | J | Joint A - Exposed end grain of the joint | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| | | | J | Joint B - Exposed end grain of the joint | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| C2 | EXTERNAL JOINTS - Flat Panel /2 | 3 | | | |
| | | | M | Joint E - All external faces | |
| | | | M | Joint F - All external faces | |
| | | | M | Joint G - All external faces | |
| | | | M | Joint H - All external faces | |
| C3 | EXTERNAL JOINTS - Flat Panel /3 | 3 | | | |
| | | | M | Joint I - All external faces | |
| | | | M | Joint J - All external faces | |
| | | | M | Joint K - All external faces | |
| | | | J | Joint I - Exposed end grain of the joint | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| | | | J | Joint J - Exposed end grain of the joint | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| C4 | EXTERNAL JOINTS - Frame /1 | 4 | | | |
| | | | M | Joint L - All external faces | |
| | | | M | Joint M - All external faces | |
| | | | M | Joint N - All external faces | |
| | | | M | Joint O - All external faces | |
| C5 | EXTERNAL JOINTS - Frame /2 | 4 | | | |
| | | | M | Joint P - All external faces | |

| | | | M | Joint Q - All external faces | 0 |
|------------------------|--|-------------------|---|---|---------------|
| | | | M | Joint R - All external faces | 1 |
| | | | M | Joint S - All external faces | 2 |
| | | | J | Joint P - Exposed end grain of the joint | 3 |
| | | | J | Joint Q - Exposed end grain of the joint | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| | | | J | Joint R - Exposed end grain of the joint | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| | | | J | Joint S - Exposed end grain of the joint | 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 | MEASUREMENTS -Primary Measurements - F | 3 | M | Measurement A - Overall Height | |
| | | | M | Measurement B - Width across bottom | |
| D2 | MEASUREMENTS - Secondary Measurements | 3 | M | Measurement C - Height to bottom corner of mid rail (left side) | |

| | | | | | |
|----|--|---|---|--|--|
| | | | M | Measurement D - Distance between mid rail and branch | |
| | | | M | Measurement E - Distance form inside stile and branch | |
| | | | M | Measurement F - Distance from mullion and stile | |
| D3 | MEASUREMENTS - Secondary Measurements | 3 | M | Measurement G - Height to bottom corner of mid rail (right side) | |
| | | | M | Measurement H - Distance from Right Stile to Bottom Right mullion | |
| | | | M | Measurement I - Distance from Right Stile to Bottom Right mid rail | |
| | | | M | Measurement J - Distance from left Stile to Bottom left mid rail | |
| D4 | MEASUREMENTS -Primary Measurements - Frame | 4 | M | Measurement A - Overall Height | |
| | | | M | Measurement B - Width across bottom | |
| D5 | MEASUREMENTS - Secondary Measurements | 4 | M | Measurement C - length across the top | |
| | | | M | Measurement D - between the uprights | |
| | | | M | Measurement E - Height of rail off main frame | |

| D6 | MEASUREMENTS - Secondary Measurements | 4 | M | Measurement F - depth of foot on Left side | |
|------------------------|---------------------------------------|-------------------|---|---|------------------|
| | | | M | Measurement - Radius 1 (top of frame) | |
| | | | M | Measurement - Radius 2 (mid rails top and bottom) | |
| | | | M | Measurement - Radius 3 (Mid rails top and bottom) | |
| Sub Criterion ID | Sub Criterion Name or Description | Day of Marking | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
| E1 | FINISH - Flat Panel | 3 | J | Sanded - Surface finish of all front faces | 0 1 2 3 |
| | | | J | Sanded - Surface finish of all outside edges | 0 1 2 3 |
| | | | J | Sanded - Surface finish of inside edges | 0 1 2 3 |
| | | | J | Sanded - Surface finish of back faces | 0 1 2 |

| | | | | | |
|----|-----------------------------------|---|---|--|---|
| | | | J | Arris - All edges | 3 |
| | | | | | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| | | | J | Curves - All Curved edges | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| | | | J | Chamfer - All Chamfered edges | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| E2 | TWIST and SQUARENESS - Flat panel | 3 | M | Check for Twist (place on flat surface and check the corners using a try square) | |
| | | | M | Check for Squareness (check diagonals) | |
| E3 | FINISH - Frame | 4 | J | Sanded - Surface finish of all front faces | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| | | | J | Sanded - Surface finish of all outside edges | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| | | | J | Sanded - Surface finish of inside edges | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| | | | J | Sanded - Surface finish of back faces | 0 |
| | | | | | 1 |
| | | | | | 2 |

| E4 | TWIST and SQUARENESS - Frame | 4 | J | Sanded - Surface finish of groove | 3 |
|------------------|-----------------------------------|----------------|-------------------------------------|--|------------|
| | | | | | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | J | Arris - All edges | 3 |
| | | | | | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | J | Curves - All Curved edges | 3 |
| | | | | | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | J | Chamfer - All Chamfered edges | 3 |
| | | | | | 0 |
| | | | | | 1 |
| | | | | | 2 |
| | | | | | 3 |
| | | | M | Check for Twist (place on flat surface and check the corners using a square) | |
| | | | M | Check for Squareness (check diagonals) | |
| | | | M | Check fit of Flat panel in groove of frame (front to back) | |
| | | | M | Check fit of Flat panel in groove of frame (side to side) | |
| | | | | | |
| | | | | | |
| | | | | | |
| Sub Criterion ID | Sub Criterion Name or Description | Day of Marking | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
| F1 | Conformity - Flat Panel | 3 | M | Missing component (Count the number of Missing Components) | |
| F2 | Material | 4 | M | Non conformities (count the number of Non Conformities) | |
| | | | M | Use of material (Count replacement pieces of Material) | |

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|------------------------|--------------------------------------|-------------------|---|---|---------------|
| F3 | Conformity - Frame | 4 | M M | Missing component (Count the number of Missing Components) Non conformities (count the number of Non Conformities) | |
| 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 |
| | | | | | |
| 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 |
| | 5.00 | 4.50 | 0.50 |
| | 5.00 | 5.60 | 0.60 |
| | 5.00 | 5.10 | 0.10 |
| | 6.00 | 6.00 | 0.00 |
| | 5.00 | 4.90 | 0.10 |
| | 28.00 | 29.05 | 1.05 |
| | 12.00 | 11.75 | 0.25 |
| | 15.00 | 14.55 | 0.45 |
| | 15.00 | 14.90 | 0.10 |
| | 4.00 | 3.65 | 0.35 |
| | Total Variation | | 3.50 |

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| | Mark |
|--|-------|
| | 16.30 |
| | 24.50 |
| | 24.25 |
| | 14.55 |
| | 17.40 |
| | 3.00 |

| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement (Measurement Only) | WSOS Section | Calculation Row (Export only) | Max Mark |
|---|--------------------------------------|-----------------|-------------------------------------|-------------|
| Joint geometry and proportions are shown accurately with All lines correct = 2.00, 1 missing line = 1.20, 2 missing line = 0.80 Present and correct to the drawing - object lines, hidden lines Linework must be consistent to the drawing and line types Consistent means - uniformed, steady, constant. Lines may extend from edge of layout in order to transfer dimensions Linework is to an unacceptable standard - Is not consistent Linework is to an acceptable standard - Has inconsistent line density Linework is to a good standard - Is of consistent line density Linework is to an excellent standard - Is of consistent line density | Yes/No | 1 | 1 | 2.00 |
| | | 1 | 1 | 1.50 |
| | | 2 | | 0.80 |

Criterion A Total Mark 16.30

| Measurements up to and including 1mm = .5 marks, up to Measurements are taken with Competitors measuring tool Measurement from bottom of right Stile to bottom of mid rail 317 | | 4 | 3 | 0.50 |
|--|-----------------------------------|-----------------|-------------------------------------|-------------|
| Measurements up to and including 1mm = .5 marks, up to Measurements are taken with Competitors measuring tool Measurement to be taken on the inside at the bottom of the 194 | | 4 | 3 | 0.50 |
| Measurements up to and including 1mm = .5 marks, up to Measurements are taken with Competitors measuring tool Measurement to be taken from the bottom rail to the inside 282 | | 4 | 3 | 0.50 |
| Measurements up to and including 1mm = .5 marks, up to Measurements are taken with Competitors measuring tool Measurement to be taken from the bottom rail to the inside 256 | | 4 | 3 | 0.50 |
| Measurements up to and including 1mm = .5 marks, up to Measurements are taken with Competitors measuring tool Using template - check radius on inside for left hand curve 1690 | | 3 | 3 | 0.50 |
| Measurements up to and including 1mm = .5 marks, up to Using template - check radius on inside for right hand curve 455 | | 3 | 3 | 0.50 |
| Measurements up to and including 1mm = .5 marks, up to Using template - check radius on inside on middle curve 500 | | 3 | 3 | 0.50 |
| Measurements up to and including 1mm = .5 marks, up to | | | | |
| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement (Measurement Only) | WSOS Section | Calculation Row (Export only) | Max Mark |
| Joint according to the drawing | Yes or No | 6 | | 1.50 |
| Joint according to the drawing | Yes or No | 6 | | 0.30 |
| Joint according to the drawing | Yes or No | 6 | | 1.00 |
| Joint according to the drawing | Yes or No | 6 | | 0.30 |
| Description- Cleanliness of joint/shoulder, neatness and c | | 6 | | 2.00 |
| Joint has been made to an unacceptable standard - extre | | | | |
| Joint has been made to an acceptable standard - some ro | | | | |
| Joint has been made to a good standard - joint slightly loo | | | | |
| Joint has been made to an excellent standard - clean shou | | | | |
| Description- Cleanliness of joint/shoulder, neatness and c | | 6 | | 1.80 |

Criterion B Total Mark 24.50

| | | | | |
|---|-----------|---|--|------|
| Joint has been made to an unacceptable standard - extre | | | | |
| Joint has been made to an acceptable standard - some ro | | | | |
| Joint has been made to a good standard - joint slightly loo | | | | |
| Joint has been made to an excellent standard - clean shou | | | | |
| Description- Cleanliness of joint/shoulder, neatness and c | | 6 | | 0.60 |
| Joint has been made to an unacceptable standard - extre | | | | |
| Joint has been made to an acceptable standard - some ro | | | | |
| Joint has been made to a good standard - joint slightly loo | | | | |
| Joint has been made to an excellent standard - clean shou | | | | |
| Description- Cleanliness of joint/shoulder, neatness and c | | 6 | | 0.90 |
| Joint has been made to an unacceptable standard - extre | | | | |
| Joint has been made to an acceptable standard - some ro | | | | |
| Joint has been made to a good standard - joint slightly loo | | | | |
| Joint has been made to an excellent standard - clean shou | | | | |
| Joint according to the drawing | Yes or No | 6 | | 0.30 |
| Joint according to the drawing | Yes or No | 6 | | 0.30 |
| Joint according to the drawing | Yes or No | 6 | | 0.30 |
| Joint according to the drawing | Yes or No | 6 | | 0.30 |
| Description- Cleanliness of joint/shoulder, neatness and c | | 6 | | 0.60 |
| Joint has been made to an unacceptable standard - extre | | | | |
| Joint has been made to an acceptable standard - some ro | | | | |
| Joint has been made to a good standard - joint slightly loo | | | | |
| Joint has been made to an excellent standard - clean shou | | | | |
| Description- Cleanliness of joint/shoulder, neatness and c | | 6 | | 0.60 |
| Joint has been made to an unacceptable standard - extre | | | | |
| Joint has been made to an acceptable standard - some ro | | | | |
| Joint has been made to a good standard - joint slightly loo | | | | |
| Joint has been made to an excellent standard - clean shou | | | | |
| Description- Cleanliness of joint/shoulder, neatness and c | | 6 | | 0.60 |
| Joint has been made to an unacceptable standard - extre | | | | |
| Joint has been made to an acceptable standard - some ro | | | | |
| Joint has been made to a good standard - joint slightly loo | | | | |
| Joint has been made to an excellent standard - clean shou | | | | |
| Description- Cleanliness of joint/shoulder, neatness and c | | 6 | | 0.60 |
| Joint has been made to an unacceptable standard - extre | | | | |
| Joint has been made to an acceptable standard - some ro | | | | |
| Joint has been made to a good standard - joint slightly loo | | | | |
| Joint has been made to an excellent standard - clean shou | | | | |

| | | | |
|---|-----------|---|------|
| Joint according to the drawing | Yes or No | 6 | 0.30 |
| Joint according to the drawing | Yes or No | 6 | 0.30 |
| Joint according to the drawing | Yes or No | 6 | 0.30 |
| Description- Cleanliness of joint/shoulder, neatness and c | | 6 | 1.00 |
| Joint has been made to an unacceptable standard - extre | | | |
| Joint has been made to an acceptable standard - some ro | | | |
| Joint has been made to a good standard - joint slightly loo | | | |
| Joint has been made to an excellent standard - clean shou | | | |
| Description- Cleanliness of joint/shoulder, neatness and c | | 6 | 1.00 |
| Joint has been made to an unacceptable standard - extre | | | |
| Joint has been made to an acceptable standard - some ro | | | |
| Joint has been made to a good standard - joint slightly loo | | | |
| Joint has been made to an excellent standard - clean shou | | | |
| Description- Cleanliness of joint/shoulder, neatness and c | | 6 | 0.50 |
| Joint has been made to an unacceptable standard - extre | | | |
| Joint has been made to an acceptable standard - some ro | | | |
| Joint has been made to a good standard - joint slightly loo | | | |
| Joint has been made to an excellent standard - clean shou | | | |
| Joint according to the drawing | Yes or No | 6 | 0.20 |
| Joint according to the drawing | Yes or No | 6 | 0.20 |
| Joint according to the drawing | Yes or No | 6 | 0.30 |
| Joint according to the drawing | Yes or No | 6 | 0.30 |
| Description- Cleanliness of joint/shoulder, neatness and c | | 6 | 0.30 |
| Joint has been made to an unacceptable standard - extre | | | |
| Joint has been made to an acceptable standard - some ro | | | |
| Joint has been made to a good standard - joint slightly loo | | | |
| Joint has been made to an excellent standard - clean shou | | | |
| Description- Cleanliness of joint/shoulder, neatness and c | | 6 | 0.30 |
| Joint has been made to an unacceptable standard - extre | | | |
| Joint has been made to an acceptable standard - some ro | | | |
| Joint has been made to a good standard - joint slightly loo | | | |
| Joint has been made to an excellent standard - clean shou | | | |
| Description- Cleanliness of joint/shoulder, neatness and c | | 6 | 0.50 |
| Joint has been made to an unacceptable standard - extre | | | |
| Joint has been made to an acceptable standard - some ro | | | |
| Joint has been made to a good standard - joint slightly loo | | | |
| Joint has been made to an excellent standard - clean shou | | | |

| Description- Cleanliness of joint/shoulder, neatness and c Joint has been made to an unacceptable standard - extre Joint has been made to an acceptable standard - some ro Joint has been made to a good standard - joint slightly loo Joint has been made to an excellent standard - clean shou | | 6 | | 0.50 |
|--|--------------------------------------|-----------------|-------------------------------------|-------------|
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| Description- Cleanliness of joint/shoulder, neatness and c Joint has been made to an unacceptable standard - extre Joint has been made to an acceptable standard - some ro Joint has been made to a good standard - joint slightly loo Joint has been made to an excellent standard - clean shou | | 6 | | 1.25 |
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| Description- Cleanliness of joint/shoulder, neatness and c Joint has been made to an unacceptable standard - extre Joint has been made to an acceptable standard - some ro Joint has been made to a good standard - joint slightly loo Joint has been made to an excellent standard - clean shou | | 10 | | 1.25 |
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| Description- Cleanliness of joint/shoulder, neatness and c Joint has been made to an unacceptable standard - extre Joint has been made to an acceptable standard - some ro Joint has been made to a good standard - joint slightly loo Joint has been made to an excellent standard - clean shou | | 6 | | 1.60 |
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| Description- Cleanliness of joint/shoulder, neatness and c Joint has been made to an unacceptable standard - extre Joint has been made to an acceptable standard - some ro Joint has been made to a good standard - joint slightly loo Joint has been made to an excellent standard - clean shou | | 6 | | 1.60 |
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| | Joint according to the drawing | Yes or No | 6 | 0.20 |
| | Joint according to the drawing | Yes or No | 6 | 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 |
| Within 0.3mm = 1.25 - Up to 0.6mm = 0.63 - Over 0.6mm = 0 | | 7 | 4 | 1.25 |

Criterion C Total Mark 24.25

| | | | |
|---|---|---|------|
| Within 0.3mm = 0.8 - Up to 0.6mm = 0.4 - Over 0.6mm = 0 | 5 | 4 | 0.80 |
| Within 0.3mm = 0.6 - Up to 0.6mm = 0.3 - Over 0.6mm = 0 | 7 | 4 | 0.60 |
| Within 0.3mm = 0.6 - Up to 0.6mm = 0.3 - Over 0.6mm = 0 | 5 | 4 | 0.60 |
| Description- Cleanliness and neatness of joint | 6 | | 1.50 |
| Joint has been made to an unacceptable standard - Large | | | |
| Joint has been made to an acceptable standard - some ro | | | |
| Joint has been made to a good standard - has some gaps | | | |
| Joint has been made to an excellent standard - clean shou | | | |
| Description- Cleanliness and neatness of joint | 6 | | 1.50 |
| Joint has been made to an unacceptable standard - Large | | | |
| Joint has been made to an acceptable standard - some ro | | | |
| Joint has been made to a good standard - has some gaps | | | |
| Joint has been made to an excellent standard - clean shou | | | |
| Within 0.3mm = 0.5 - Up to 0.6mm = 0.25 - Over 0.6mm = 0 | 5 | 4 | 0.50 |
| Within 0.3mm = 0.5 - Up to 0.6mm = 0.25 - Over 0.6mm = 0 | 5 | 4 | 0.50 |
| Within 0.3mm = 0.5 - Up to 0.6mm = 0.25 - Over 0.6mm = 0 | 5 | 4 | 0.50 |
| Within 0.3mm = 0.5 - Up to 0.6mm = 0.25 - Over 0.6mm = 0 | 5 | 4 | 0.50 |
| Within 0.3mm = 0.6 - Up to 0.6mm = 0.3 - Over 0.6mm = 0 | 6 | 4 | 0.60 |
| Within 0.3mm = 0.6 - Up to 0.6mm = 0.3 - Over 0.6mm = 0 | 6 | 4 | 0.60 |
| Within 0.3mm = 0.5 - Up to 0.6mm = 0.25 - Over 0.6mm = 0 | 5 | 4 | 0.50 |
| Description- Cleanliness and neatness of joint | 6 | | 0.80 |
| Joint has been made to an unacceptable standard - Large | | | |
| Joint has been made to an acceptable standard - some ro | | | |
| Joint has been made to a good standard - has some gaps | | | |
| Joint has been made to an excellent standard - clean shou | | | |
| Description- Cleanliness and neatness of joint | 6 | | 0.80 |
| Joint has been made to an unacceptable standard - Large | | | |
| Joint has been made to an acceptable standard - some ro | | | |
| Joint has been made to a good standard - has some gaps | | | |
| Joint has been made to an excellent standard - clean shou | | | |
| Within 0.3mm = 0.6 - Up to 0.6mm = 0.3 - Over 0.6mm = 0 | 2 | 4 | 0.60 |
| Within 0.3mm = 0.6 - Up to 0.6mm = 0.3 - Over 0.6mm = 0 | 2 | 4 | 0.60 |
| Within 0.3mm = 0.8 - Up to 0.6mm = 0.4 - Over 0.6mm = 0 | 2 | 4 | 0.80 |
| Within 0.3mm = 0.8 - Up to 0.6mm = 0.4 - Over 0.6mm = 0 | 2 | 4 | 0.80 |
| Within 0.3mm = 1.25 - Up to 0.6mm = 0.63 - Over 0.6mm = 0 | 7 | 4 | 1.25 |

| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement (Measurement Only) | WSOS Section | Calculation Row (Export only) | Max Mark |
|---|--------------------------------------|-----------------|-------------------------------------|-------------|
| Measurement to be taken on the outside shoulder on right Measurements up to and including 1mm = 1.20 marks, up Measurements are taken with Competitors measuring tool | 842 | 8 | 2 | 1.20 |
| Measurement to be taken across the bottom rail. Measurements up to and including 1mm = 1.20 marks, up Measurements are taken with Competitors measuring tool | 610 | 8 | 2 | 1.20 |
| Measurement from bottom of Left Stile to bottom of mid rail | 287 | 8 | 3 | 0.65 |

| | | |
|-------------|------------|-------|
| Criterion D | Total Mark | 14.55 |
|-------------|------------|-------|

| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement (Measurement Only) | WSOS Section | Calculation Row (Export only) | Max Mark |
|---|--------------------------------------|-----------------|-------------------------------------|-------------|
| Smoothness of ALL Faces - by feel with hand plus checking Sanding to an unacceptable standard - many bumps; areas Sanding to an acceptable standard - some bumps; most areas Sanding to a good standard - limited bumps; most areas s Sanding to an excellent standard - no bumps; all areas sa | | 9 | | 0.80 |
| Smoothness of ALL Faces - by feel with hand plus checking Sanding to an unacceptable standard - many bumps; areas Sanding to an acceptable standard - some bumps; most areas Sanding to a good standard - limited bumps; most areas s Sanding to an excellent standard - no bumps; all areas sa | | 9 | | 0.80 |
| Smoothness of ALL Faces - by feel with hand plus checking Sanding to an unacceptable standard - many bumps; areas Sanding to an acceptable standard - some bumps; most areas Sanding to a good standard - limited bumps; most areas s Sanding to an excellent standard - no bumps; all areas sa | | 9 | | 0.80 |
| Smoothness of ALL Faces - by feel with hand plus checking Sanding to an unacceptable standard - many bumps; areas Sanding to an acceptable standard - some bumps; most areas Sanding to a good standard - limited bumps; most areas s | | 9 | | 0.80 |

| | | |
|-------------|------------|-------|
| Criterion E | Total Mark | 17.40 |
|-------------|------------|-------|

| | | | | |
|---|---|---|--|------|
| Sanding to an excellent standard - no bumps; all areas s | | | | |
| Smoothness of all ARRIS - by feel with hand, checking for | 9 | | | 0.80 |
| Sanding to an unacceptable standard - many bumps; arris | | | | |
| Sanding to an acceptable standard - some bumps; most a | | | | |
| Sanding to a good standard - limited bumps; most areas s | | | | |
| Sanding to an excellent standard - no bumps; all areas sa | | | | |
| Smoothness of all CURVES - by feel with hand, checking | 9 | | | 2.00 |
| Sanding to an unacceptable standard - many bumps; arris | | | | |
| Sanding to an acceptable standard - some bumps; most a | | | | |
| Sanding to a good standard - limited bumps; most areas s | | | | |
| Sanding to an excellent standard - no bumps; all areas sa | | | | |
| Smoothness of all CHAMFERS - by feel with hand, checki | 9 | | | 0.80 |
| Sanding to an unacceptable standard - many bumps; arris | | | | |
| Sanding to an acceptable standard - some bumps; most a | | | | |
| Sanding to a good standard - limited bumps; most areas s | | | | |
| Sanding to an excellent standard - no bumps; all areas sa | | | | |
| Up to and including 1 mm = 0.3 marks, Up to and including 0 | 3 | 5 | | 0.30 |
| Up to and including 1 mm = 0.3 marks, Up to and including 0 | 3 | 6 | | 0.30 |
| Smoothness of ALL Faces - by feel with hand plus checkin | 9 | | | 0.80 |
| Sanding to an unacceptable standard - many bumps; area | | | | |
| Sanding to an acceptable standard - some bumps; most a | | | | |
| Sanding to a good standard - limited bumps; most areas s | | | | |
| Sanding to an excellent standard - no bumps; all areas sa | | | | |
| Smoothness of ALL Faces - by feel with hand plus checkin | 9 | | | 0.80 |
| Sanding to an unacceptable standard - many bumps; area | | | | |
| Sanding to an acceptable standard - some bumps; most a | | | | |
| Sanding to a good standard - limited bumps; most areas s | | | | |
| Sanding to an excellent standard - no bumps; all areas sa | | | | |
| Smoothness of ALL Faces - by feel with hand plus checkin | 9 | | | 0.80 |
| Sanding to an unacceptable standard - many bumps; area | | | | |
| Sanding to an acceptable standard - some bumps; most a | | | | |
| Sanding to a good standard - limited bumps; most areas s | | | | |
| Sanding to an excellent standard - no bumps; all areas sa | | | | |
| Smoothness of ALL Faces - by feel with hand plus checkin | 9 | | | 0.80 |
| Sanding to an unacceptable standard - many bumps; area | | | | |
| Sanding to an acceptable standard - some bumps; most a | | | | |
| Sanding to a good standard - limited bumps; most areas s | | | | |

| Sanding to an excellent standard - no bumps; all areas s | | | | |
|--|--------------------------------------|-----------------|-------------------------------------|-------------|
| Smoothness of ALL Faces - by feel with hand plus checkin | 9 | | | 0.80 |
| Sanding to an unacceptable standard - many bumps; area | | | | |
| Sanding to an acceptable standard - some bumps; most a | | | | |
| Sanding to a good standard - limited bumps; most areas s | | | | |
| Sanding to an excellent standard - no bumps; all areas sa | 9 | | | 0.80 |
| Smoothness of all ARRIS - by feel with hand, checking for | | | | |
| Sanding to an unacceptable standard - many bumbs; arris | | | | |
| Sanding to an acceptable standard - some bumps; most a | | | | |
| Sanding to a good standard - limited bumps; most areas s | | | | |
| Sanding to an excellent standard - no bumps; all areas sa | 9 | | | 1.50 |
| Smoothness of all CURVES - by feel with hand, checking | | | | |
| Sanding to an unacceptable standard - many bumbs; arris | | | | |
| Sanding to an acceptable standard - some bumps; most a | | | | |
| Sanding to a good standard - limited bumps; most areas s | | | | |
| Sanding to an excellent standard - no bumps; all areas sa | 9 | | | 0.80 |
| Smoothness of all CHAMFERS - by feel with hand, checki | | | | |
| Sanding to an unacceptable standard - many bumbs; arris | | | | |
| Sanding to an acceptable standard - some bumps; most a | | | | |
| Sanding to a good standard - limited bumps; most areas s | | | | |
| Sanding to an excellent standard - no bumps; all areas sa | | | | |
| Up to and including 1 mm = 0.25 marks, Up to and includi | 3 | 5 | | 0.25 |
| Up to and including 1 mm = 0.25 marks, Up to and includi | 3 | 6 | | 0.25 |
| Up to and including 1 mm = 1.20 marks, Up to and includi | 10 | 5 | | 1.20 |
| Up to and including 1 mm = 1.20 marks, Up to and includi | 10 | 5 | | 1.20 |
| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement (Measurement Only) | WSOS Section | Calculation Row (Export only) | Max Mark |
| No missing component = 0.5; 1.0 missing component = 0 | 0 | 5 | 7 | 0.50 |
| 0 Non conformity = 0.5 ; 1 non conformity = 0.25 ; 2 or m | 0 | 9 | 7 | 0.50 |
| no extra material = 1 1 piece extra material = .50 | 0 | 1 | 8 | 1.00 |

Criterion F Total Mark 3.00

2 pieces extra material = 0

No missing component = 0.5; 1.0 missing component = 0

0 Non conformity = 0.5 ; 1 non conformity = 0.25 ; 2 or more non conformity = 0

| | | | | |
|--|-----------------------------------|-----------------|-------------------------------------|--------------|
| | | 5 9 | 7 7 | 0.50 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 |
| | | | | |
| 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 G Total Mark 0.00

Criterion H Total Mark 0.00

Criterion I Total Mark 0.00

Competition Total Mark 100.00