# TEST PROJECT
# CAR PAINTING
## WSC2015_TP36_actual

Submitted by:
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WSC2015

# CONTENTS

This Test Project proposal consists of the following documentation/files:

- WSC2015_TP36_pre_EN.doc task specification with **30% change**

# DESCRIPTION OF PROJECT AND TASKS

The Test project uses three car panels and one non-steel panel. One of the car panels is pre painted at the manufacturing factory.

| Team Leader | Module description | |
|---|---|---|
| Module A | Spot repair on pre painted left wing | 2.5 hrs |
| Module B | Masking of car and plastic part | 2.5 hrs |
| Module C | Standard application inside and outside right door | 5.0 hrs |
| Module D | Wet on wet right wing (three layer) | 2.5 hrs |
| Module E | Colour mixing | 2.5 hrs |
| Module F | Design on pre painted left door | 5.0 hrs |
| | | 20.0 hrs |

| Colour description | | |
|---|---|---|
| **Colour - 2Stage**<br>**Colour - 2Stage** | Inside right door<br>Outside right door | Code: VW LK5M<br>Code : TOY 789 |
| **Colour - 3Stage** | Wet on wet right wing | Code: RENULT NNP(3 LAYER) |
| **Colour - No paint** | Non steel panel | Code: PEU 661/A |
| **Colour** | Spot repair left wing-<br>Pre painted | Code:VW LA7W |
| **Colour – Per design** | Left door for design - Pre painted | Code: SUBARU 88F |
| **Colour** | For design | Code: |

A number of colour codes will be decided by the judging panel at the competition

| Panels description | |
|---|---|
| **Panel # 1** | Pre painted left door |
| **Panel # 2** | OEM replacement right door |
| **Panel # 3** | Pre painted left wing |
| **Panel # 4** | OEM replacement right wing |
| **Panel # 5** | Front bumper |

There will be an introduction 5-10 minutes before each module

## PLEASE TAKE NOTE OF THESE SYMBOLS


You must stop and have your work judged

Turn in sprayout sample

# INSTRUCTION TO THE COMPETITOR

| | |
|---|---|
| **Module A :** Spot repair on pre painted part (two layer) | **Time allowed 2 .5 HRS** |
| • Use the wing (Panel # 3) | |
| • The scratch on this panel is to be repaired using a spot repair technique<br>• You must limit the extent of the clear coat to the boundary indicated in the drawing CP3 |  |
| • Once the spot repair has been marked/scored you can polish the repair | |
| **Module B:** masking and plastic repair<br>(Panel#5 for plastic repair) | **Time allowed 2.5 HRS** |
| • Masking side of vehicle/car/and jambs | |
| • Expert will valuate masking outlines |  |
| | |
| | |
| • Repair damaged area |  |
| • Apply primer |  |
| • Apply base and clear |  |
| **Module C:** Standard application, inside and outside door | **Time allowed 5.0 HRS** |
| • Use the OEM replacement door (Panel # 2) | |
| • Prepare damaged area for polyester filler<br>• Apply polyester filler to damaged area<br>• Prepare the outside and inside for primer filler |  |
| • Apply Primer filler inside and outside<br>• Sand primer filler and prepare for base |  |
| • Inside outside - two different colours will be used. Colour is a 2-stage. Apply to given line. | |

| | |
|---|---|
| • Apply outside colour to sprayout card<br>• Clear should be applied to the given standard |  |
| • The panels must be painted in a vertical position | |
| **Module D: Wet on wet right wing (three layer)** | **Time allowed 2.5HRS** |
| • Use the wing (Panel # 4) | |
| • Prep panel |  |
| • Apply wet-on-wet primer |  |
| • Match to given colour sample | |
| • Apply using the three layer system/process | |
| **Module E: Colour mixing** | **Time allowed 2.5 HRS** |
| • Using supplied colour sample #1 | |
| • Make colour from scratch to match the given sample | |
| • Using colour sample number #2 | |
| • Adjust colour to match given sample. | |
| • After completing colour adjustment turn in the sample colours applied to spray out card that you would like to have evaluated |  |
| • **Note: You cannot use the scales or computers for this process** | |
| **Module F:** Design on pre painted left door | **Time allowed 5.0 HRS** |
| Use the pre painted left front door (Panel # 11) to lay out the design shown in given drawing | |
| • Paint the design in the colours shown<br>• Apply – you cannot polish | |
| • The decal/sticker supplied must be applied to the door as per Drawing | |

Skill name

Car Painting

| | Criteria | Mark |
|---|---|---|
| A | Spot repair on pre painted left wing | 12.50 |
| B | Masking of car and plastic part | 12.50 |
| C | Standard application inside and outside right door | 25.00 |
| D | Wet on wet right wing (three layer) | 12.50 |
| E | Colour mixing | 12.50 |
| F | Design layout and polish | 25.00 |

| Sub Criteria ID | Sub Criteria Name or Description | Aspect Type O = Obj S = Sub J = Judg | Aspect - Description | Judg Score |
|---|---|---|---|---|
| A1 | Preparation of guard for spot repair | | | |
| | | O | Repair area correctly prepared | |
| | | O | Repared area correctly clean | |
| | | O | Repared area primed correctly | |
| | | O | Primer/filler sanded correctly before colour. | |
| A2 | Application of base coat to spot repair | | | |
| | | O | Correct basecoat fade out of the spot repair | |
| | | O | Base coat free of imperfections | |
| A3 | Application of clearcoat to spot repair | | | |
| | | O | Free of dirt in the Clear coat | |
| | | O | Clear coat free of runs or sags | |
| | | O | Clear coat free of reactions? | |
| | | O | Was the end of the clear coat in the correct position | |
| | | O | Was the fade out invisible after polishing | |

| | | | | |
|---|---|---|---|---|
| | | O | Are there any visible sanding or polishing marks | |
| | | O | Was the gloss the same as standard? | |
| | | O | Were safety standards adhered too? | |

| Sub Criteria ID | Sub Criteria Name or Description | Aspect Type O = Obj S = Sub J = Judg | Aspect - Description | Judg Score |
|---|---|---|---|---|
| B1 | Preparation and painting of non steel panel | | | |
| | | O | Damaged area repared correctly | |
| | | O | Bumper sanded correctly | |
| B2 | application of basecoat to non steel part | | | |
| | | O | Panel completely covered | |
| | | O | Base coat free from reactions | |
| B3 | Application of clearcoat to non steel panel | | | |
| | | O | Clearcoat is applied to whole panel | |
| | | O | Clearcoat free of reaktion | |
| | | O | Clearcoat gloss level | |
| | | O | scratch test adhesion | |
| B4 | Masking of vehicle | | | |
| | | O | Vehicle cleaned correctly | |
| | | O | Correct use of masking tapes | |
| | | O | Correct use of trim masking tape | |
| | | O | Correct use of soft edge tape | |
| | | O | Minimum 30 cm. Area protected | |
| | | O | No folds or wrinkles | |
| | | O | All masked area proteced from overspray | |
| | | O | No overtaping | |
| | | O | Were safety standards adhered too? | |

| Sub Criteria ID | Sub Criteria Name or Description | Aspect Type O = Obj S = Sub J = Judg | Aspect - Description | Judg Score |
|---|---|---|---|---|
| C1 | Preparation of OEM exterior door | | | |

| | | | |
|---|---|---|---|
| | | O | OEM panels correctly cleaned before sanding? |
| | | O | OEM primer completly removed from repair area |
| | | O | Repair completed efficiently (putty) |
| | | O | Deep sanding scratches in the putty |
| | | O | Porosity in the putty, filler, stopper |
| | | O | Health and saftey |
| | | O | OEM panels correctly sanded? |
| | | O | OEM panels correctly sanded? |
| | | O | OEM panels correctly cleaned? |
| | | O | Health and saftey |
| | | O | Correct primer applied to bare metal / repair area  etch? |
| | | O | Filler thikness correctly before sanding |
| | | O | Filler / primer correctly sanded |
| | | O | OEM panels correctly sanded? |
| | | O | OEM panels correctly sanded? |
| C2 | Preparation of OEM interior door | | |
| | | O | Does the fiiler/ primer cover the whole area of the interior? |
| | | O | OEM panels correctly sanded? |
| C3 | Application of base coat to exterior door | | |
| | | O | Free of imperfections marks in the base coat |
| | | O | Is the shape of the polyester filler area correct |
| | | O | Is any reaction is the polester putty area? |
| | | O | Free of over spray? |
| | | O | Base coat free from banding and Mottling |
| | | O | have all areas been covered? |
| | | O | Spample Card has beed painited |
| C4 | Application of clearcoat to door exterior | | |
| | | O | Have all areas been covered? |
| | | O | The clear coat free of any reactions? |
| | | O | Clear coat free of runs or sags |
| | | O | Is the orange peel the same over the entire surface the door |
| | | O | health and safety |
| C5 | Application of basecoat to interior door | | |
| | | O | Are all areas of the interior covered with base coat? |
| | | O | Was the panel masked to the given line |
| | | O | No paint lifting between inside and outside colour |
| | | O | No overspray |
| C6 | Application of clearcoat to door interior | | |
| | | O | Free or run or sags? |

| | | | | |
|---|---|---|---|---|
| | | O | Very dry area? | |
| | | O | Health and saftey | |
| | | O | Were safety standards adhered too? | |

| Sub Criteria ID | Sub Criteria<br>Name or Description | Aspect Type<br>O = Obj<br>S = Sub<br>J = Judg | Aspect - Description | Judg Score |
|---|---|---|---|---|
| D1 | Preparation of right wing for nonsanding | | | |
| | | O | Panel clean correct? | |
| | | O | Panel correct sanded | |
| | | O | Panel correct sanded | |
| | | O | Wet on wet nonsanding applied correctly | |
| | | O | Basecoat applied correct? | |
| | | O | Basecoat applied correct? | |
| | | O | Clearcoat applied correct? | |
| | | O | Clearcoat applied correct? | |
| | | O | Clearcoat applied correct? | |
| | | O | Correct applied thickness? | |
| | | O | Colour match | |

| Sub Criteria ID | Sub Criteria<br>Name or Description | Aspect Type<br>O = Obj<br>S = Sub<br>J = Judg | Aspect - Description | Judg Score |
|---|---|---|---|---|
| E1 | Matching colours (mix by eye) | | | |
| | | O | Correct basecoat applied to spraycart? | |
| | | O | Correct Clearcoat applied to spraycart? | |
| | | O | Matching colour to standard given the tinter Numbers | |
| | | O | Matching colour to standard given the tinter Numbers | |

| | | | | |
|---|---|---|---|---|
| | | O | Matching colour to standard given the tinter Numbers | |
| E2 | Matching off shade | | | |
| | | O | Correct basecoat applied to spraycart? | |
| | | O | Correct Clearcoat applied to spraycart? | |
| | | O | Match colour to standard with missing tinter given | |
| | | O | Match colour to standard with missing tinter given | |

| Sub Criteria ID | Sub Criteria<br><br>Name or Description | Aspect Type<br>O = Obj<br>S = Sub<br>J = Judg | Aspect - Description | Judg Score |
|---|---|---|---|---|
| F1 | Dimension of decoration | | | |
| | | O | Design #1 | |
| | | O | Design #2 | |
| | | O | Design #3 | |
| | | O | Design #4 | |
| | | O | Design #5 | |
| | | O | Design #6 | |
| | | O | Design #7 | |
| | | O | Design #8 | |
| | | O | Design #9 | |
| | | O | Design #10 | |
| | | O | Design #11 | |
| | | O | Design #12 | |
| F2 | Dimensions of decoration | | | |
| | | O | Design free of overspray | |
| | | O | Design free of tape printing | |

| | | | |
|---|---|---|---|
| | | O | Sharpness of the edges #1 |
| | | O | Sharpness of the edges #2 |
| | | O | Sharpness of the edges #3 |
| | | O | Sharpness of the edges #4 |
| | | O | Sharpness of the edges #5 |
| | | O | Sharpness of the edges #6 |
| | | O | Sharpness of the edges #7 |
| | | O | Sharpness of the edges #8 |
| | | O | Sharpness of the edges #9 |
| | | O | Sharpness of the corner #1 |
| | | O | Sharpness of the corner #2 |
| | | O | Sharpness of the corner #3 |
| | | O | Sharpness of the corner #4 |
| | | O | Sharpness of the corner #5 |
| | | O | Sharpness of the corner #6 |
| F3 | Colours applied in the correct position | | |
| | | O | Colours applied in correct positions |
| | | O | Do all colours cover correctly |
| | | O | is the decal in the correct position #1 |
| | | O | is the decal in the correct position #2 |
| | | O | is the decal in the correct position #3 |
| | | O | is the decal in the correct position #4 |
| | | O | Is the decal free from creases |
| | | O | Are the decal free of cuts and tears |
| | | O | Are there application defects in the decal |

| Extra Aspect Description (Obj or Subj) OR Judgement Score Description (Judg only) | Requirement or Nominal Size (Obj Only) | WSSS Section | Max Mark |
|---|---|---|---|
| Incl.edges are evenly feathered out | Yes or no. | 2 | 1.00 |
| | Yes or no | 2 | 0.25 |
| Wash primer and primer/filler used. | Yes or no. | 3 | 0.25 |
| 1-2 rub throughs deduct 0.5, more than 2 rub throughs de | No rub throughs | 2 | 0.50 |
| Yes or no. | Yes or no. | 4 | 1.25 |
| Eg. Banding, mottling, sanding scratches. Full coverage 1 | Free max | 4 | 2.00 |
| 1-4 deduct 0.25 marks, 5 or more deduct all marks | Free max | 5 | 0.50 |
| Yes or no. | Yes or no. | 5 | 0.50 |
| Fish eyes, etc. Deduct 0.25 per reaction evident. | Free max | 5 | 1.00 |
| 450mm from the front wing tip. | Yes or no. | 5 | 1.00 |
| Yes or no. | Yes or no. | 8 | 2.00 |

Criterion A

Total Mark 12.50

| | | | |
|---|---|---|---|
| 1-2 deduct 0.5 marks, 3-4 deduct 0.75 marks, 5 or more d | Free max | 8 | 1.00 |
| Use gloss meter to determine according to industry standa | Yes or no | 5 | 1.00 |
| Yes or no. | Yes or no. | 1 | 0.25 |

| Extra Aspect Description (Obj or Subj) OR Judgement Score Description (Judg only) | Requirement or Nominal Size (Obj Only) | WSSS Section | Max Mark |
|---|---|---|---|
| | Yes or no | 2 | 1.00 |
| According to industri standart | Yes or no | 2 | 0.50 |
| | Yes or no | 4 | 1.00 |
| Deduct 0,25 marks per reaction | Tolerance | 4 | 0.75 |
| | Yes or no | 5 | 1.00 |
| Deduct 0,25 marks per reaction | Tolerance | 5 | 0.75 |
| According to industri standart | Yes or no | 5 | 0.50 |
| According to industri standart | Yes or no | 3 | 0.50 |
| According to industri standart | Yes or no | 2 | 0.50 |
| According to industri standart | Tolerance | 5 | 2.00 |
| According to industri standart | Yes or no | 5 | 0.50 |
| According to industri standart | Yes or no | 5 | 0.50 |
| According to industri standart | Yes or no | 3 | 0.50 |
| Deduct 0,25 per mistake | Tolerance | 3 | 0.75 |
| Deduct 0,25 per mistake | Tolerance | 3 | 1.00 |
| | Yes or no | 3 | 0.50 |
| Working area was clean and tidy | Yes or no | 1 | 0.25 |

Criterion B Total Mark 12.50

| Extra Aspect Description (Obj or Subj) OR Judgement Score Description (Judg only) | Requirement or Nominal Size (Obj Only) | WSSS Section | Max Mark |
|---|---|---|---|

Criterion C Total Mark 25.00

| | | | |
|---|---|---|---|
| Cleaning with silicon cleaner and whole panel | Yes or no. | 2 | 0.25 |
| completly removed? | Yes or no | 2 | 0.50 |
| More than two fills applied to correct repair deduct marks | Yes or no. | 2 | 0.25 |
| Putty and area around, visible scratches higher that P240 | Yes or no | 2 | 0.25 |
| Are any hole in the putty, bigger that 0.1mm | Yes or no | 2 | 0.50 |
| Safety rules | Yes no | 1 | 0.25 |
| no shiny areas // 5mmx5mm -0,25 . | | 2 | 1.00 |
| Surface should not be cut through // 1mm - 4 cut through | | 2 | 1.00 |
| No sanding dust | | 1 | 0.25 |
| Safety rules | Yes no | 1 | 0.25 |
| If not applied loose all | Yes or no. | 3 | 0.50 |
| Within tolerance between glasurit data sheet? | Tolerance | 3 | 1.00 |
| Surface should not be cut through 3mm 4 cut through or n | Yes or no. | 2 | 1.00 |
| no shiny areas, 5mm -0,25 . | | 2 | 0.50 |
| Surface should not be cut through // 2mm - 4 cut through | | 1 | 0.50 |
| | | | |
| check all the part. 1 area more than 5mm=--0.25 | Tolerance | 3 | 0.50 |
| Surface should not be cut through 3mm 4 cut through or n | Yes or no | 1 | 0.50 |
| | | | |
| Visible sanding scratches in the filler. 1 mistake =-0,25 | Tolerance | 4 | 1.00 |
| Check the shape from side angle of the door | Tolerance | 2 | 2.00 |
| Hole, Cooking | | 2 | 0.50 |
| Over spray at the interior more than 2mm -0,25 4 mm-0,5 | Yes or no | 4 | 0.50 |
| Heavy Mottling deduct 0.5 mark | Yes or no | 4 | 1.00 |
| Check the 4 sides. 1 side more than 1cm=-0.25 | Yes or no. | 4 | 0.75 |
| Does the card was painted in the right color? | Yes or no | 1 | 0.25 |
| | | | |
| Check the 4 sides. 1 side more than 1cm=-0.25 | Yes or no. | 7 | 0.75 |
| | Yes or no | 7 | 0.50 |
| More than 3mm loose -0,25 more loose all | Yes or no | 5 | 0.75 |
| Check with the cards. More than 1 cards difference-0,5, 2 | Standard | 3 | 1.50 |
| Safety rules | Yes or no | 1 | 0.25 |
| | | | |
| visible part over the given line. 1 area=--0.25 | Yes or no. | 4 | 0.75 |
| Missed the line more than 1mmX2mm.Per area loose 0.5 | Tolerance | 7 | 1.50 |
| More than 2mm loose -0,50. | Yes or no | 7 | 1.50 |
| Over spray at the exterior - more than 2mm -0,50 4 mm-1 | Tolerance | 4 | 1.00 |
| | | | |
| More than 5mm high = -0.25 | Yes or no | 2 | 0.50 |

| | | | |
|---|---|---|---|
| very strong orange peel (less than card 3) over the given | Tolerance | 3 | 0.50 |
| Safety rules | Yes no | 1 | 0.25 |
| Working area was clean and tidy | Yes or no | 1 | 0.25 |

| Extra Aspect Description (Obj or Subj) OR Judgement Score Description (Judg only) | Requirement or Nominal Size (Obj Only) | WSSS Section | Max Mark |
|---|---|---|---|
| Clean all over? | Yes or no | 1 | 0.50 |
| See standart | | 1 | 0.50 |
| Surface should not be cut through 10mm 3cut through or | | 1 | 0.50 |
| not covered -1,00, runs -1,00 | | 5 | 2.00 |
| not covered -1,00, imperfections -1,00 | | 4 | 2.00 |
| Heavy mottling | Yes or no | 4 | 1.00 |
| No dry area? Even | Yes or no | 5 | 1.00 |
| Heavy dirt | Yes or no | 5 | 1.00 |
| Runs or sags | Yes or no | 5 | 1.00 |
| Follow industry standards +/- 20 MY | Yes or no | 3 | 2.00 |
| See standart | Yes or no | 6 | 1.00 |

Criterion D Total Mark 12.50

| Extra Aspect Description (Obj or Subj) OR Judgement Score Description (Judg only) | Requirement or Nominal Size (Obj Only) | WSSS Section | Max Mark |
|---|---|---|---|
| Basecoat not covered -0,50 Basecoat even -0,25 | | 4 | 0.75 |
| Clearcoat is not correct | Yes or no | 5 | 0.50 |
| Follow industry standards | | 6 | 2.00 |
| Exact match 2,0 P | | | |
| Blendable shade 1,0 P | | | |
| None blendible 0,0 P | | | |
| Follow industry standards | | 6 | 2.00 |
| Exact match 2,0 P | | | |
| Blendable shade 1,0 P | | | |

Criterion E Total Mark 12.50

| | | | |
|---|---|---|---|
| None blendible 0,0 P<br>Follow industry standards<br>Exact match 2,0 P<br>Blendable shade 1,0 P<br>None blendible 0,0 P | | 6 | 2.00 |
| Basecoat not covered -0,50 Basecoat even -0,25 | | 4 | 0.75 |
| Clearcoat is not correct | Yes or no | 5 | 0.50 |
| Follow industry standards<br>Exact match 2,0 P<br>Blendable shade 1,0 P<br>None blendible 0,0 P | | 6 | 2.00 |
| Follow industry standards<br>Exact match 2,0 P<br>Blendable shade 1,0 P<br>None blendible 0,0 P | | 6 | 2.00 |

| Extra Aspect Description (Obj or Subj) OR Judgement Score Description (Judg only) | Requirement or Nominal Size (Obj Only) | WSSS Section | Max Mark |
|---|---|---|---|
| ±2.0mm tolerance | Tolerance | 6 | 0.50 |
| ±2.0mm tolerance | Tolerance | 6 | 0.50 |
| ±2.0mm tolerance | Tolerance | 6 | 0.50 |
| ±2.0mm tolerance | Tolerance | 6 | 0.50 |
| ±2.0mm tolerance | Tolerance | 3 | 0.50 |
| ±2.0mm tolerance | Tolerance | 8 | 0.50 |
| ±2.0mm tolerance | Tolerance | 8 | 0.50 |
| ±2.0mm tolerance | Tolerance | 8 | 0.50 |
| ±2.0mm tolerance | Tolerance | 8 | 0.50 |
| ±2.0mm tolerance | Tolerance | 3 | 0.50 |
| ±2.0mm tolerance | Tolerance | 3 | 0.50 |
| ±2.0mm tolerance | Tolerance | 3 | 0.50 |
| 0.25 * 8 = 2.00, one part of overspray= -0.25, if 8 parts of | Yes or no | 2 | 2.50 |
| 0.25 * 8 = 2.00, one part of tape printing= -0.25, if 8 parts | Yes or no | 8 | 2.00 |

Criterion F Total Mark 25.00

| | | | |
|---|---|---|---|
| 0.50 * 1 = 0,50, one part line sharpness= -0.50 if 10 parts | Tolerance | 7 | 0.50 |
| 0.50 * 1 = 0,50, one part line sharpness= -0.50 if 10 parts | Tolerance | 7 | 0.50 |
| 0.50 * 1 = 0,50, one part line sharpness= -0.50 if 10 parts | Tolerance | 7 | 0.50 |
| 0.50 * 1 = 0,50, one part line sharpness= -0.50 if 10 parts | Tolerance | 7 | 0.50 |
| 0.50 * 1 = 0,50, one part line sharpness= -0.50 if 10 parts | Tolerance | 7 | 0.50 |
| 0.50 * 1 = 0,50, one part line sharpness= -0.50 if 10 parts | Tolerance | 3 | 0.50 |
| 0.50 * 1 = 0,50, one part line sharpness= -0.50 if 10 parts | Tolerance | 7 | 0.50 |
| 0.50 * 1 = 0,50, one part line sharpness= -0.50 if 10 parts | Tolerance | 7 | 0.50 |
| 0.50 * 1 = 0,50, one part line sharpness= -0.50 if 10 parts | Tolerance | 7 | 0.50 |
| 0.50 marks per corner | Tolerance | 7 | 0.50 |
| 0.50 marks per corner | Tolerance | 7 | 0.50 |
| 0.50 marks per corner | Tolerance | 7 | 0.50 |
| 0.50 marks per corner | Tolerance | 7 | 0.50 |
| 0.50 marks per corner | Tolerance | 7 | 0.50 |
| 0.50 marks per corner | Tolerance | 7 | 0.50 |
| | | | |
| 1.00 * 3 = 3.00, two part for two colours in wrong position = | Tolerance | 4 | 2.00 |
| One colour not correct -0,50 p more then 2 lose all | Yes or no | 4 | 1.50 |
| ±2,0mm tolerance,0.50 marks per position | Tolerance | 7 | 0.50 |
| ±2,0mm tolerance,0.50 marks per position | Tolerance | 7 | 0.50 |
| ±2,0mm tolerance,0.50 marks per position | Tolerance | 7 | 0.50 |
| ±2,0mm tolerance,0.50 marks per position | Tolerance | 7 | 0.50 |
| 0.25 * 2 = 0.50, one part of creases= -0.25 if 4 parts of cre | Yes or no | 2 | 0.50 |
| 0.25 * 2 = 0,50, one part of cuts and tears= -0.25 if 2 parts | Yes or no | 8 | 0.50 |
| 0.25 * 2 = 0.50, one defect= -0.25, if 2 defects=0.00 point | Yes or no | 8 | 0.50 |

Competition Total Mark 100.00