Test project CAR PAINTING

Emirates Skills 2019

Submitted by:

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Member : Chief Expert

**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.**

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| **Team Leader Module description** |
| **Module A**  | **Blend pre painted left wing** | **2.0 hrs** |
| **Module B**  | **Masking of car and repair pre painted plastic part**  | **2.0 hrs** |
| **Module C**  | **Standard application inside and outside right door**  | **4.0 hrs** |
| **Module D** | **Colour matching** | **2.0 hrs** |
|  |  | **10.0 hrs** |

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| **Colour description…. All colours quantities are RFU!**  |
| **Colour - 2Stage****Colour - 2Stage** | **Inside right door****Outside right door** | **Code: TOY – 5B5****350 Gram****Code: Merc Benz - 744****350 Gram** |
| **Colour - No paint** | **Non steel panel**  | **Code: TOY 1E3** |
| **Colour- 2Stage** | **Spot repair left wing-Pre painted** | **Code: TOY 8R3** **Hole Panel: 400 Gram** **Repair: 100 Gram** |

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

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| **Panels description** |
| **Panel # 1** | **Pre painted left wing** |
| **Panel # 2** | **Pre painted front bumper** |
| **Panel # 3** | **OEM replacement front door** |

**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**

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| **Module A: 2-layer - Blend pre-painted panel –using pre mixed paint.**  **Apply colour. Colour on the fender is an off colour from a colour swatch variant. You will be supplied with premixed paint** | **Time allowed 2.0 HRS** |
| **Prep panel for blending - (Panel # 3)*** **Repair scratch**
* **Apply Primer Filler**
* **Prep for base**
 | **MCj04298170000[1]****MCj04298170000[1]** |
| **Apply basecoat and clear coat*** **You must limit the extent of the clear coat to the boundary indicated in the drawing CP3**
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| * **Once the spot repair has been marked/scored you can polish the repair**

**Note : The panels must be painted and dried in a vertical position** | **MCj04298170000[1]** |

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| **Module B: Masking /Featheredge, prime and block.****The time allotted for both task.****(Panel#5 for plastic repair)**  | **Time allowed 2.0 HRS** |
| * **Masking side of vehicle/car/and jambs**
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| * **Expert will evaluate masking outline**
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| **Plastic part**  |  |
| * **Repair scratch in paint**
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| * **Apply body filler**
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| * **Prep for paint**
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| **Module C: Standard application, inside and outside door**  | **Time allowed 4.0 HRS** |
| * **Use the OEM replacement door (Panel # 2)**
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| * **Check Door for prior damage and notify expert if you see any.**
* **Prepare damaged area for polyester filler**
* **Apply polyester filler to damaged area and sand**
* **Prepare entire door for primer application**
* **outside must be in primer surfacer**
* **inside can be primer surfacer or wet-on-wet**
* **Apply primer surfacer on inside and outside of door if chosen**
* **Prepare for base and apply wet –on-wet if chosen**
* **Apply base and clear**

**Note : The panels must be painted in a vertical position** |  |

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| **Module D: Colour mixing** | **Time allowed 2.0 HRS** |
| * **Using supplied colour sample- mix from scratch #1**
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| * **Make colour to match the given sample**
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| * **After completing colour adjustment turn in the sample colours applied to spray out card that you would like to have evaluated**
 | **MCj04356040000[1]** |
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| **Note: You cannot use the scales or computers for this process** |  |