



TEST PROJECT CAR PAINTING

ISC2018_TP36_IN- Pre_EN

Submitted by:

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CONTENTS

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

- ISC2018_TP36_IN- Pre_EN.doc Task specification and Criteria

DESCRIPTION OF PROJECT AND TASKS

The Test project uses Four car panels and one non-steel panel. Two of the car panels are pre-painted.

Team Leader	Module description	Time
Module A	Blend pre painted left wing-mix and match color	2.0 hrs
Module B	Masking of car and Pre painted plastic part	2.0 hrs
Module C	Standard application inside and outside right door	4.0 hrs
Module D	Wet on wet right wing (Matt Clear)	2.0 hrs
Module E	Colour matching (Missing tints)	1.0 hrs
Module F	Multy Shade Painting on pre-painted door & decal pasting	3.0 hrs
		14.0 hrs

Colour description.... All colours quantities are RFU!		
Colour - 2Stage	Inside right door	Code: Toyota/ White /O40
Colour - 2Stage	Outside right door	Code: Ford / Kinetic Blue / 9DSEWHA
Colour - 2Stage	Wet on wet right wing	Code: Hyundai / Stardust/V3G
Colour - No paint	Non steel panel	
Colour- 2Stage	Spot repair left wing-Pre painted	Code : Hyundai/ Passion Ornage/TE3
Colour – Per design	Left door for design - Pre painted	Code: Entire door: MSIL/Silky Silver Orange White Green

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	Rear bumper

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



PLEASE TAKE NOTE OF THESE SYMBOLS





You must stop and have your work judged





Turn in sprayout sample





INSTRUCTION TO THE COMPETITOR

<p>Module A: 2-layer - Blend pre-painted panel –using pre mixed paint.</p> <p>Apply colour. Colour on the fender is an off colour from a colour swatch variant. You will be supplied with premixed paint</p>	<p><u>Time allowed 2.0 HRS</u></p>
<p>Prep panel for blending - (Panel # 3)</p> <ul style="list-style-type: none"> • Repair scratch • Apply 2K primer • Prep for base 	
<p>Apply basecoat and clearcoat</p> <ul style="list-style-type: none"> • You must limit the extent of the clear coat to the boundary indicated in the drawing 	
<ul style="list-style-type: none"> • Once the spot repair has been marked/scored you can polish the repair <p>Note : The panels must be painted and dried in a vertical position</p>	


<p>Module B: Masking /Featheredge, prime and block. The time allotted for both task. (Panel#5 for plastic repair)</p>	<p><u>Time allowed 2.0 HRS</u></p>
<ul style="list-style-type: none"> • Masking side of vehicle/car/and jambs 	
<ul style="list-style-type: none"> • Expert / Team will evaluate masking outline as per criteria given 	
<p>Plastic part</p>	
<ul style="list-style-type: none"> • Repair scratch in paint 	
<ul style="list-style-type: none"> • Fill the dent using Putty and then apply primer filler 	
<ul style="list-style-type: none"> • Prepare the non-steel panel and make ready for base coat 	



Module C: Standard application, inside and outside door	Time allowed 4.0 HRS
<ul style="list-style-type: none">• Use the OEM replacement door (Panel # 2)• 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<ul style="list-style-type: none">- outside must be in primer surfacer- inside must be wet-on-wet – Non-sanding primer• Apply primer surfacer outside of door• Prepare for base and apply wet –on-wet if chosen inside door• Apply base coat and clear coat <p>Note : The panels must be painted in a vertical position</p>	

Module D: Wet on wet right wing (Matt Clear)	Time allowed 2.0HRS
<ul style="list-style-type: none">• Using (Panel # 4)	
<ul style="list-style-type: none">• Prep panel	
<ul style="list-style-type: none">• Apply wet-on-wet primer	
<ul style="list-style-type: none">• Apply Base coat	
<ul style="list-style-type: none">• Match the mattness level of the clear and apply matt clear over the base coat of the indicated gloss readings• Spray a test panel <p>Note : The panels must be painted in a vertical position</p>	



Module E: Colour mixing	Time allowed 1.0 HRS
Match the colour with Missing tints	
<ul style="list-style-type: none">Using colour sample number #1	
<ul style="list-style-type: none">Adjust colour to match given sample.	
<ul style="list-style-type: none">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 front door (Panel # 11)	Time allowed 3.0 HRS
<ul style="list-style-type: none">Use the pre painted left front door to lay out the design shown in given drawing	
<ul style="list-style-type: none">Prepare surface for paint applicationPaint the design in the colours shownApply clear – do not polish	
<ul style="list-style-type: none">The decal/sticker supplied must be applied to the door as per drawing <p>Note : The panels must be painted in a vertical position</p>	