



TEST PROJECT / PROJET D'ÉPREUVE

CAR PAINTING

PEINTURE AUTOMOBILE

POST-SECONDARY /
NIVEAU POSTSECONDAIRE

PAINT PROJECTS

- You will complete a basecoat blend and clear coat application on a pre-prepped fender.
- You will complete the full refinish of a new OEM **bumper cover** in the color provided.
- When you come to a **STOP** during your repair, you must call a judge to evaluate your progress before you move on to the next step.

Directions:

Show all your Personal PPE to the Judges.

Set up your fender for painting and apply 3/4" tape to top edge of fender.

STOP

Complete your basecoat blend and clearcoat application on your fender.

STOP

Set up your bumper for topcoat application

STOP

Paint your bumper cover

Clean up your area

Time limit for this task: **4 hours maximum**

POLISHING PROJECT

- You have been given a painted hood and you must remove all defects from the paint.
- A display hood of the completed project will be provided.
- When you come to a **STOP** during your repair, you must call a judge to evaluate your progress before you move on to the next step.

Directions:

Show your PPE to the Judges. Prepare your hood for the compounding stage and remove defects, do not compound.

STOP

The hood can now be compounded. Prepare your hood and equipment for the machine glaze stage. Do not machine glaze.

STOP

Machine glaze your hood and clean with detail spray.

STOP

Apply your chip guard and apply the decal in the top corner per display hood. Clean up your area and return all tools and supplies.

Time limit for this task: **3 hours maximum**

MASKING PROJECT

- You will mask the side of a vehicle for respray. No parts will be removed and you must be able to open the front door. **DO NOT CUT ON THE VEHICLE OR A ZERO MARK WILL BE ASSESSED.**
- When you come to a **STOP**, you must call a judge to evaluate your progress before you move on to the next step.

Directions:

Mask the vehicle Jambs as requested by the Judge.

STOP

Mask the exterior of the vehicle as requested by the judge.

STOP

You can now remove the masking and clean up your area.

Time limit for this task: **2 hour maximum**

COLOUR TINTING PROJECT 1

- You will create the main layer for a pearl white tri-coat using the provided toners, with no formula.
- Record your progress on provided note pad and spray out cards provided.
- You will then use the main layer you have created and the provided mid-coat to create a let down panel.
- When you come to a **STOP**, you must call a judge to evaluate your progress before you move on to the next step.

Directions:

Create the main layer color from the paint toners provided. **You must provide a formula** for the color you have created.

STOP

Create a 5 step let down panel using the provided mid-coat, over your main layer color. Apply only 4 coats of mid-coat.

You must determine the **number of coats or mid-coat** is required to match.

STOP

Provide the judge with your **let down panel** and the **number of mid-coat layers** required to match the sample.

COLOUR TINTING PROJECT 2

- You will use the supplied paint and tint it to match colour #2.
- Record your progress on the colour plotting chart and spray out cards provided.
- When you come to a **STOP**, you must call a judge to evaluate your progress before you move on to the next step.

Directions:

Adjust the provided paint to match colour #2 as close as possible.

You may utilize no more than 5 sprays out cards in total.

You must provide an updated formula for your new color.

STOP

Submit your best match to the judge with the **updated formula**.

Time limit for these tasks: **2 hours maximum for both color projects**

Multiple Choice Test

- You will answer a multiple choice test provide by the paint manufacture
- You will refer to your Axalta technical manual (open book test)
- When you come to a **STOP**, you must call a judge to evaluate your progress before you move on to the next step.
- In the event of a tie, the winner will be determined by the time completing all projects

Directions:

Complete the test within 1 hour⁷

STOP

Submit your test answers to the judge.

Time limit for this test: **60 min maximum**

Paint Defect Analysis

- You have been given a set of painted panels containing common paint defects
- You will be asked to identify the defects on each panel
- When you come to a **STOP** during your repair, you must call a judge to evaluate your progress before you move on to the next step.

Directions:

Identify the defects on each panel and record on the provided work sheet.

STOP

Suggest recommended repair for each defect

STOP

Provide work sheet to Judge

Time limit for this task: **60 min maximum**

Preparation Project

- You will be provided a damaged fender and primed bumper cover.
- You will be asked to repair the damage on the fender, then prepare the fender and bumper cover for topcoat applications
- When you come to a **STOP** during your repair, you must call a judge to evaluate your progress before you move on to the next step.

Directions:

Bumper Instructions:

Prepare your bumper for topcoat application; this can be completed while you are repairing your fender

Fender Instructions:

Prepare your fender to start the repair process.

STOP

Repair the dent in your fender using spot putty. Block sand the repair.

STOP

Apply Primer to the spot repair area.

STOP

Sand your primer and prepare your panel for basecoat and clear coat application.

STOP

Mask off and apply rocker guard as per the display panel

Time limit for this task: **3 hours maximum**

Essential Skills – ⁵Reading, ⁶Writing, ⁷Thinking (Job Task Planning & Organization)