



TEST PROJECT / PROJET D'ÉPREUVE

# CAR PAINTING

# PEINTURE AUTOMOBILE

SECONDARY /  
NIVEAU SECONDAIRE

# 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 hour.

**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 – <sup>5</sup>Reading, <sup>6</sup>Writing, <sup>7</sup>Thinking (Job Task Planning & Organization)*