# Activity 2

# Contents

# Update a Harmony Plate Curve

## Background

### Why you should complete this activity

You can use ColorFlow to update a plate curve you created in Harmony and imported to ColorFlow. @ Stephen, can you provide me with some content why and when should a user update a plate curve? is it because the user would use the same curve for a different plate?

### Recommended audience

Users who previously used Harmony software for tonal calibration.

## Tasks

### Goal

Update an existing Harmony plate curve and use the updated curve to output a PDF.

### Task 1: Edit the Harmony plate curve in ColorFlow

1. In ColorFlow, click the **Plate Curves** tab.
2. In the **Harmony Curves** section, select the PLATE XL Euclidean 150 DERIVED curve imported in Activity 1.
3. Click **Copy to Calibration Curve**.
4. Define a new plate curve setup by entering the following:
   - Device type: xx
   - Plate type: xx
   - Screening: xx
   - Plate line: xx
5. Click **OK**.
   The curve appears in the **Calibration Curve** table.
6. Click the curve.
   A **Data** panel appears on the right.
7. Add a custom tint set:
   a) Click **Tint Set**.
   b) Click the **Add** button  .
   c) Enter `1 30 55 96`

8. In the **Measured Plate Response** box, update Dot Area values for each Tint In. In real-life situation, you might need to output an uncalibrated plate containing a plate calibration target in Prinergy and measure the plate response for each tint value. For the purpose of this training, enter the following provided values:

| TInt In | Dot Area |
|---|---|
| 1 | |
| 30 | |
| 55 | |
| 96 | |

9. Click **Apply**.
10. Click **Plate Response** to display a graph of the measured values.
11. Click **Plate Curvethe** button to display a graph of the calibration values that will be applied in Prinergy.

### Task 2: Output a PDF using the updated plate curve in Prinergy

1. In Prinergy, create a new refine Chart_TintRamp_CMYK.pdf (supplied file) with 1stRef-Normz.
2. Output with Virtual Proof.LoosePage using the plate curve you just updated.
3. Measure the 50% black patch in VPS to confirm that the Plate Calibration Curve has been applied.

## Outcome

You have updated an existing Harmony plate curve in ColorFlow and use it to output a PDF file in Prinergy.