Exercise 1.1 – The Mixer Plant Training Project

Learning Outcomes

Upon completion of this exercise, you will be able to:

- Restore Plant SCADA projects
- Operate the Mixer100 page.

   1. Start the Plant SCADA Studio.

   i. In the Windows Start menu, select **All apps | AVEVA Plant SCADA| Plant SCADA Studio**

   ii. In the **Projects** activity, select **Home.**

   iii. On the Command bar, select **Backup | Restore**.

   The **Restore Project** dialog box appears.

iv. Add a path for the backup file location by either typing or by using the **Browse** button to select a location. (The Instructor will advise the location and name of the file to restore.)

v. Confirm the project **Name** is set to be **MixerPlant**.

vi. Click the **Select all included projects** radio button to restore all of the included projects or select the check box for each individual included project to restore.

> **Note:** If the **Select all included projects** checkbox is disabled, it indicates that the backup file does not contain any included projects.

vii. Click the **New project** radio button to restore a backed up project as a new project.

NOTICE

LOSS OF DATA

- Do not restore the project in the Current project you are working on, as the currently selected project in the Plant SCADA Studio will be overwritten.
- Any project must be restored to a New project.
- Give a new name to the project. The name must be unique.

Failure to follow these instructions can result in equipment damage.

NOTICE

HARD DISK DRIVE ERASURE

Do not set the Restore Project path to the root directory of your drive (usually C:\).

Failure to follow these instructions can result in equipment damage.

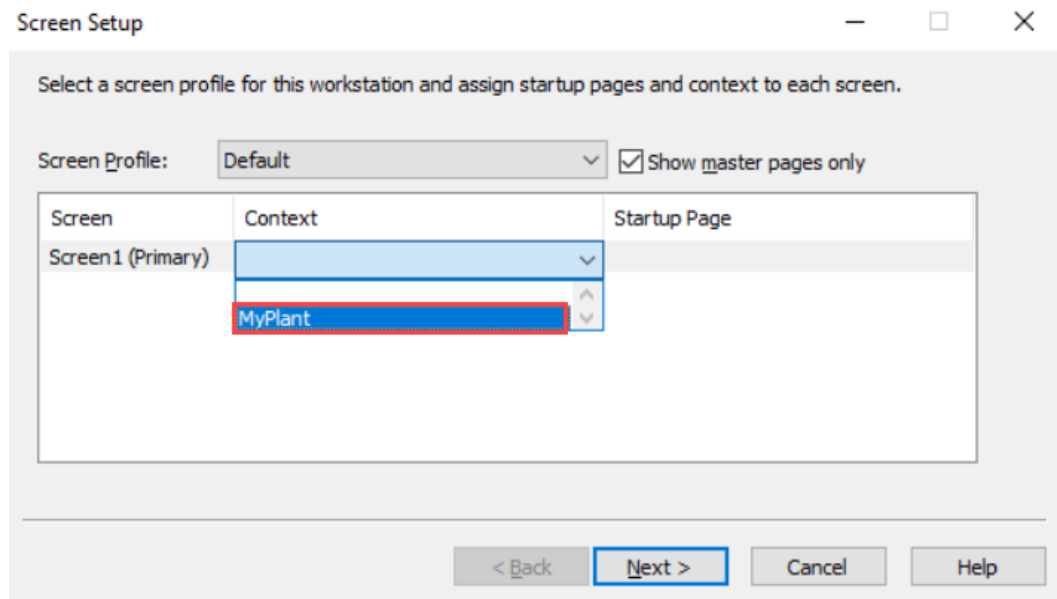viii. Under **Options** panel, update the settings as required.

> **See Also:** For further information about **Project Restore Options**, see *Using Plant SCADA - Restoring a project*.

ix. Click **OK** to restore the **MixerPlant** project.

x. Click **OK** when the **Restore Complete** message prompt appears.

Exercise - The Mixer Plant Training Project (cont.)

2. **Compile and run the project.**

    i.   Compile the project and run the **Setup Wizard**.

    ii. On the **Setup Wizard** pages, select **Express Setup**.

    iii. In the **Project Setup** page, leave the option **Local Engineering Environment** and **MixerPlant** project selected.

    iv. Click **Next**.

    v.   In the **Profile Setup** page, leave the option **Configure Local Settings** selected to load the Citect.ini file at runtime and click **Next**.

    vi. In the **Screen Setup** page, click the **Context** field and select **MyPlan**t from the drop-down list.
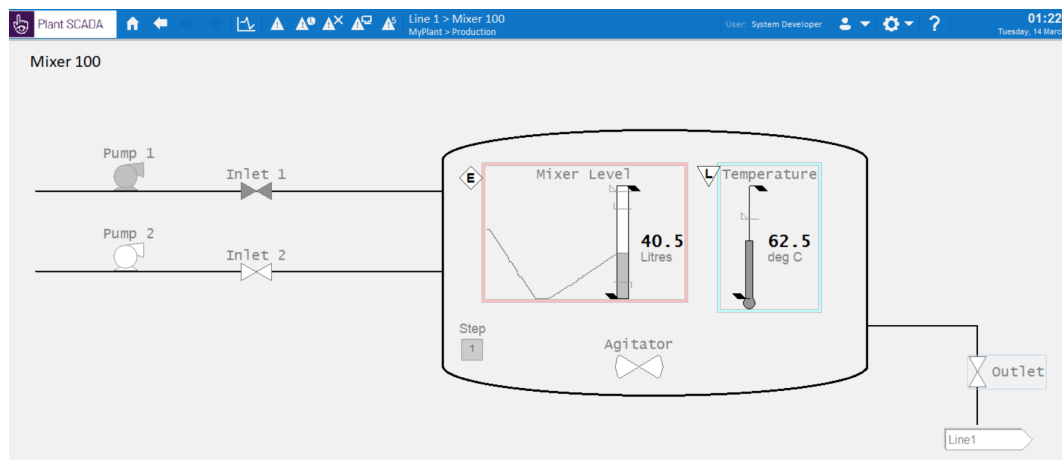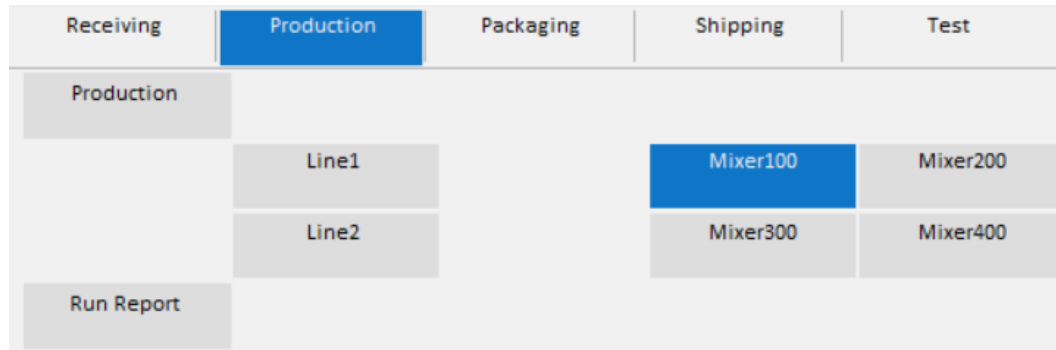

    vii. Click **Next**.

    viii. In the **Computer Role Setup** page, leave the option **Server and Control Client | Multi Process** selected and click **Next**.

    ix.   In the **Network Setup** page, leave the default option Stand alone selected.

    x.   Click **Next** until you reach the **Server Authentication** page.

    xi.   In the **Server Authentication** page, set the **Password** to be **C1tectr@1n**.

    xii. Continuing from this point, click the **Next** button until the end and run the project.

Exercise - The Mixer Plant Training Project (cont.)

3. Examine the project.

    i. In the runtime, navigate to the **Mixer100** page.

    ii. Manipulate the objects on the page to gain familiarity with the operation of the project.

    iii. Shut down the project.