**SKEY in AutoCAD Plant 3D**

In **AutoCAD Plant 3D**, **SKEY (Symbol Key)** is a **2-character code** that defines how components (such as valves, fittings, or equipment) appear in **isometric drawings** generated using **ISOGEN**.

**🔹 Why is SKEY Important?**

* **Controls symbol representation** in **isometric drawings**.
* **Ensures correct annotation** of components in **BOM and weld maps**.
* Used by **ISOGEN (ISO drawing generator)** to map **3D model components** to **2D symbols**.

**🔹 Where is SKEY Used in AutoCAD Plant 3D?**

* **In Spec Editor (PLANTSPECEDITOR)** – Each component in a **Piping Spec** has an assigned SKEY.
* **In Isometric Drawings (PLANTISO)** – The generated **ISO symbols** depend on the assigned SKEY.
* **In Customizing ISOGEN Symbols** – If a component does not appear correctly, you may need to modify its SKEY.

**🔹 Common SKEYs for Piping Components**

| **Component** | **SKEY** | **Description** |
| --- | --- | --- |
| Pipe | **PI** | Standard pipe |
| Elbow 90° | **EL** | 90-degree elbow |
| Elbow 45° | **EB** | 45-degree elbow |
| Tee | **TE** | Equal tee |
| Reducing Tee | **TR** | Reducing tee |
| Flange | **FL** | Weld neck flange |
| Blind Flange | **BF** | Blind flange |
| Gate Valve | **GV** | Gate valve |
| Ball Valve | **BV** | Ball valve |
| Check Valve | **CV** | Check valve |
| Reducer (Concentric) | **RC** | Concentric reducer |
| Reducer (Eccentric) | **RE** | Eccentric reducer |

🔹 **Note:** Different **isometric styles** may use variations of these SKEYs.