SQ25 – Valve Box isolated or connected to the He recovery circuit

**Sensors and actuators used:**

- Pressure: PT600

- Valve: FV580, FV586, FV640, FV641, FV642, FV643, Switch Valves

- Control valve: CV580, CV-He-liquefier, CV590

|  |  |
| --- | --- |
| **The user chooses:** | **Initial conditions:** |
| - Valve Box isolated or Not isolated | - Sequences 5 and 9 stopped |
| - Pressure setpoint: PT600Maxi |  |

PT600 > PT600Maxi

Alarm validated

Valve Box Isolated

Cryostat isolated

Close CV-He-liquefier, CV590

Close Switch Valves “Valve Box circuit”

Close FV640, FV641, FV642, FV643

Cryostat connected at the He recovery circuit

Open CV580

Open Switch Valves “Valve Box circuit”

Pressure control

He Circuits

Pressure Alarm

Start

Stop

Stop

Stop

Not isolated

Not isolated

Not isolated