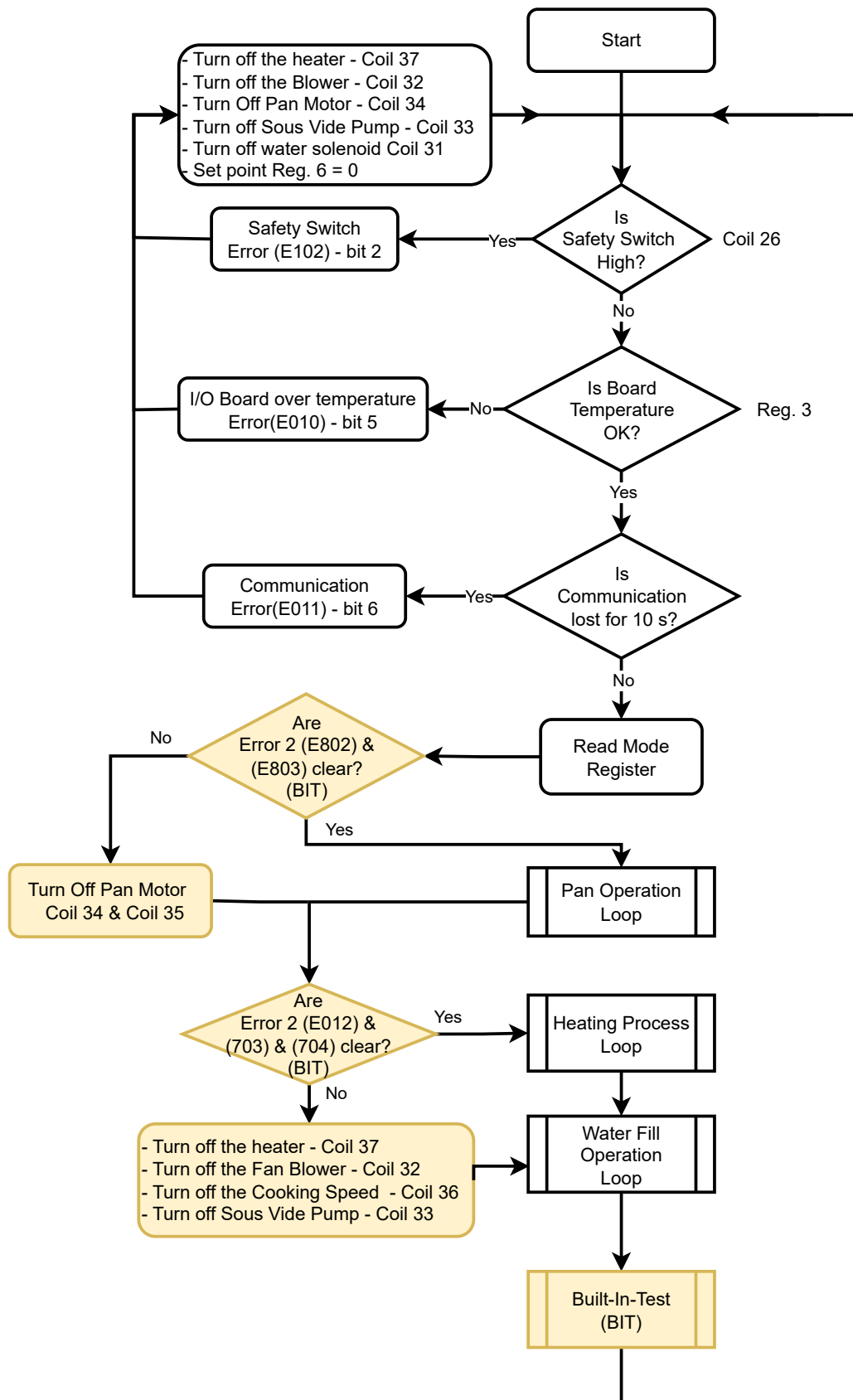


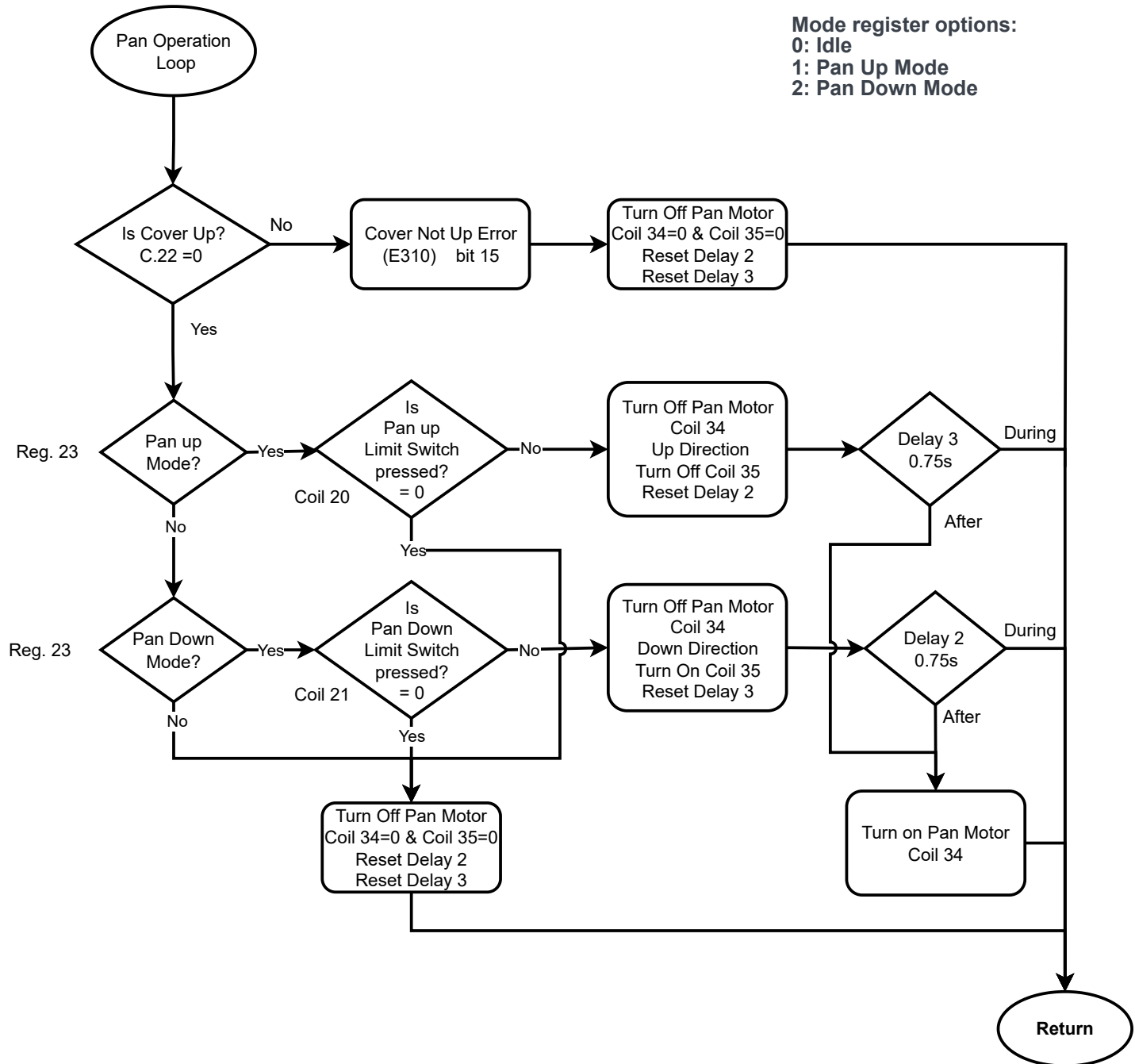
SGL-T5 Flow Chart (REV01 - 2025_03_19)

Rev.	Date	Change Description	Approved by
00	2025-02-10	Redraw from "T1 Gas - Flow Chart (REV05 - 2024_08_18)" - The yellow boxes are edited or added.	Mohsen Saadatfard
01	2025-03-19	Cover not Up Error is added on Water Fill Process - Some digital feedbacks and alarms have been added. The yellow boxes are edited or added.	Mohsen Saadatfard

Notes

- Errors are not self-clear and need to be cleared by UI after the processed
- PID registers need to be set by UI according to the selected process
- RTD sensor reading values lower than 32F and Higher than 500F will trigger sensor error



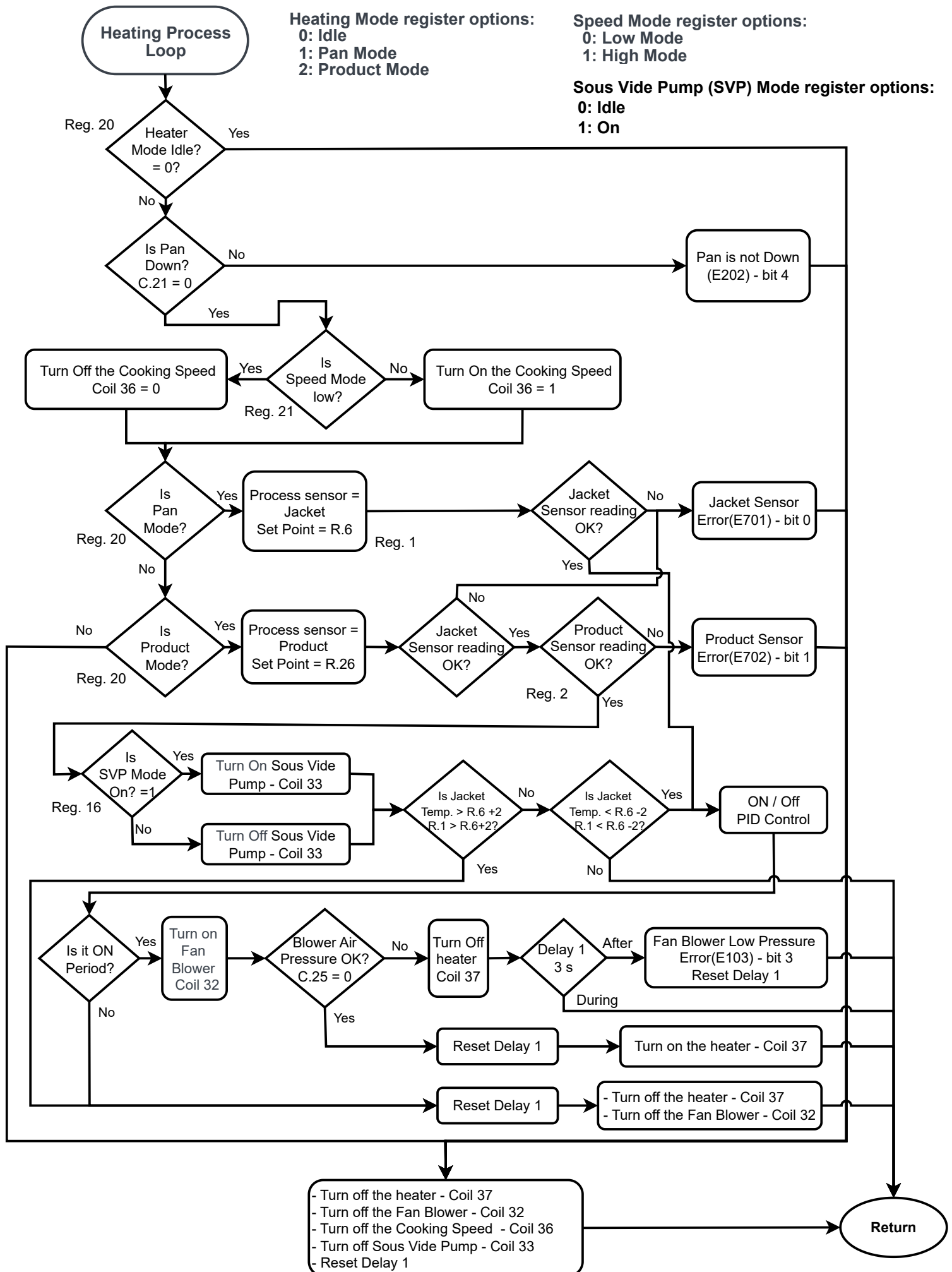


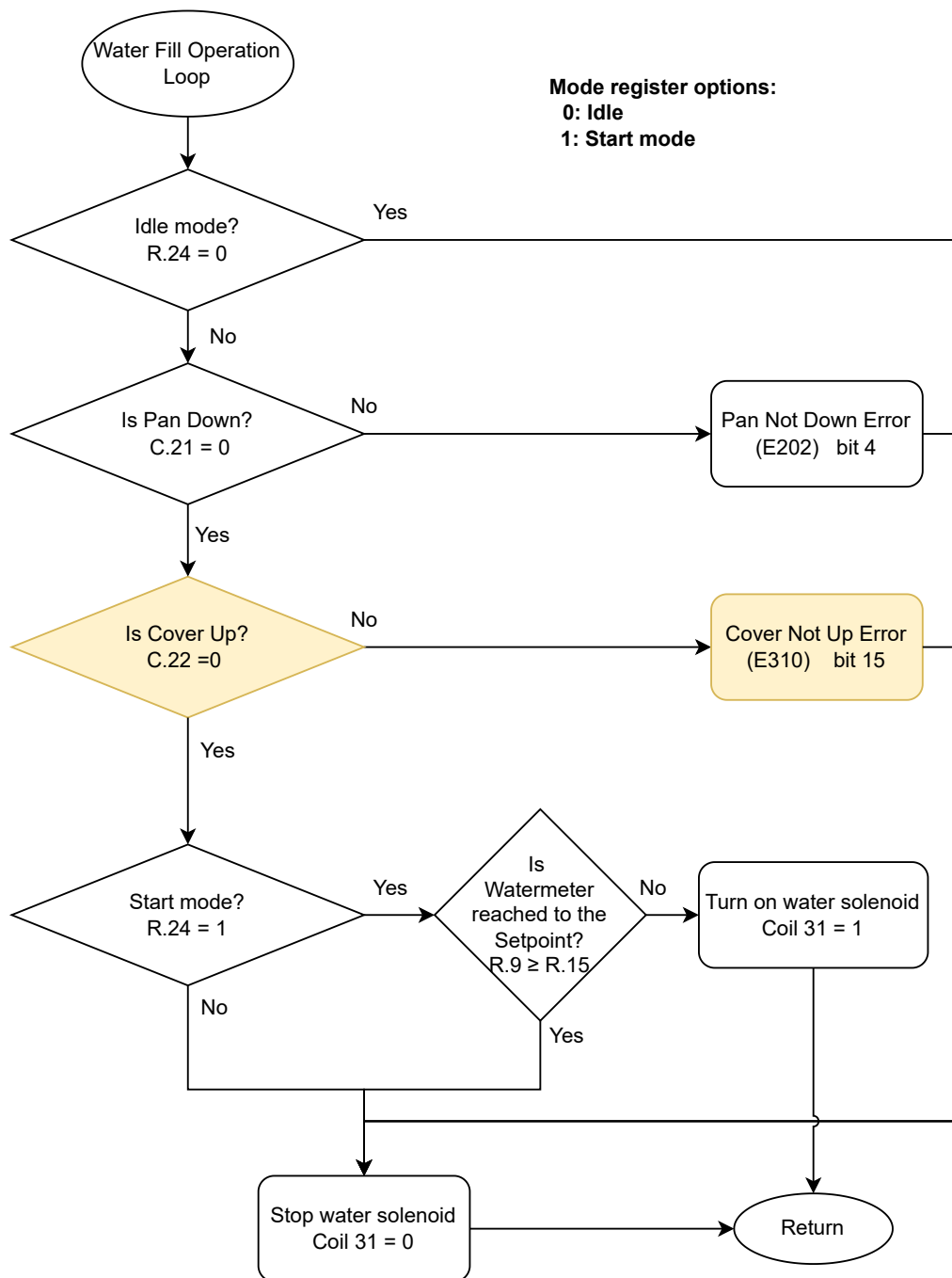
- During Pan moving Up/Down, UI checks the Up/Down limit Switches and will notice the end of the moving process.

Heating Mode register options:
 0: Idle
 1: Pan Mode
 2: Product Mode

Speed Mode register options:
 0: Low Mode
 1: High Mode

Sous Vide Pump (SVP) Mode register options:
 0: Idle
 1: On





- UI Should manage the Water Metter Counter (Register 9) and Water Meter Setpoint (Register 15)
- During Filling up, UI checks the Water Metter Counter and will notice the end of the filling.

