

Several activities are initiated. Waiting for Pressure acknowledgements. Due to a Timer missing acknowledgement leads to return to the Idle state. Too hot pump leads to the PumpError state. Both erroneous situation generate corresponding alarms. Error by accessing the output function returns the state machine also to the state Idle: it does not make sense to supervise the pressure without having proper pressure limits (corresponding alarms are generated in Always table).

Starting	Entry action	MyCmd_Clear SetPressure_Set Counter_ResetStart Timer_ResetStart Ofun_CalcLimit
	eXit action	Timer_Stop
	RequiredPress_CHANGED	Timer_ResetStart
	Timer_OVER	Al_PressureError
PumpError	Pump_TooHot	
Idle	Timer_OVER   Ofun_OwnerError   Ofun_ParameterError	
Regulating	Press_OK	