				PI Co	ontroller	PID Controller				
Heater	Step Change	T initial	T final	Kc=0.9*tau/(Gp*td)	Ti=3.33*td	PB=100/Kc	Kc=1.2*tau/(Gp*td)	Ti=2*td	Td=0.5*td	PB=100/Kc
30/36 ohm	30.0	55.0	85.0	11.8	53.3	8.5	15.8	32.0	8.0	6.3
tau	First Order Time Constant									
td	Apparent Dead Time									
Gp	Process Gain									