

0. Warm up furnace and do other cool shit

Plan 0: Do in order

0.1 Prepare  
plant and  
services

0.2  
Start air  
blower

0.3  
Start oil  
pump

0.4 Heat  
oil to  
800°C

Plan 0.1: Do in any order

0.1.1 Ensure  
plant is  
ready

0.1.2 Ensure  
gas-oil is  
available

0.1.3 Ensure O<sub>2</sub>  
analysis system  
is working

Plan 0.4: Raise temperature to 800°C while monitoring O<sub>2</sub> and  $\Delta T$

0.4.1 Increase  
temperature controller  
as per chart

0.4.2  
Monitor  
O<sub>2</sub>

0.4.3  
Monitor  
temperature

0.4.4 Switch  
furnace to  
automatic