

# Bruce 1 - Tube 3



## Facts

Tube 3 is used for diffusion and drive-in of n-type dopants.

- Wafers are loaded into quartz boats - current sizes include 100mm & 150mm.

## Other Tubes

- Bruce Tube 1 - Wet Oxide Growth
- Bruce Tube 2 - P type diffusion
- Bruce Tube 3 - N type diffusion
- Bruce Tube 4 - Dry Oxide Growth
- Bruce Tube 5 - External Torch Low Temp Oxide Growth
- Bruce Tube 6 - Wet Oxide Growth
- Bruce Tube 7 - Anneal
- Bruce Tube 8 - High Temp Anneal

## Personnel

- Tool Engineer -
- Process Engineer - Sean O'Brien
- Process Engineer - Patricia Meller

## Tool & Process Information

- [Bruce Furnace Recipe Request Sheet](#)
  - If a new recipe is needed for the Bruce Furnace, fill out this sheet and return to Sean O'Brien

## Manuals & Users

- [Bruce Furnace Manual](#)
- [Bruce Furnace Certification Checklist](#)