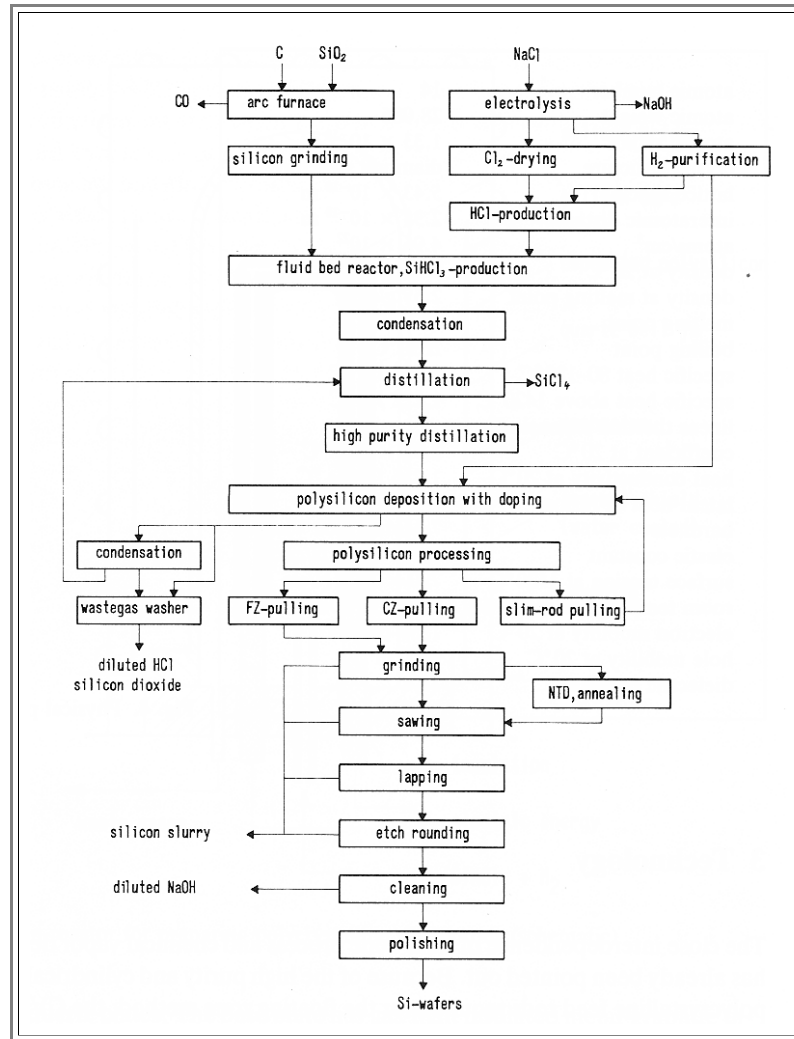# Complete Wafer Process

First a schematic process flow graph is given for everything - from sand to wafer.

It includes side processes not covered in the backbone modules which, however, are self explanatory.

Next, we have a pictorial representation of just crystal growth and wafer production. Again, it contains some self-explanatory processes not introduced before.

1. Polycrystalline Silicon

2. Crystal Growth

3. Single Crystalline Silicon Ingot

4. Shaping

5. Single Crystalline Silicon Ingot

6. Slicing

7. Edge Rounding

8. Lapping

9. Etching

10. Polishing

11. Cleaning

12. Inspection

13. Packaging

14. Shipping