

fab fab fab

Photo voltaics  
normally

(VD) → major

Vacuum systems

How to fix a leak?

Rajdeep Δ ---

6397444640.

Raj Deep - 773670 885

8928282522

① PVD Δ ion etching setup

→ ~~Hot~~ Hot wire  
HWC VD.

Sputtering

Si wafer

currently

→ ~~rubber~~ → Carbon  
detector. Si

solar cells & characterization

also  
Leak relating with  
pressure.

→ shining light so that ~~water~~  
heat up. (removing condensate  
part)

ultimately  
Bu C → Bu C ~~is the best~~  
↑  
many pha  
↓  
stochastic form

Knob → rheostat → controls temp.

## Chemical Vapour Deposition.

① Volatile precursor gases are introduced  
into a reaction

② We make these gases flow over a  
heated substrate (like a silicon wafer)  
causing them to adsorb onto its  
surface & chemically react or  
decompose.



③ A solid film forms on the substrate, while gaseous byproducts are carried away by gas flow.

(B4C)  
Boron Carbide → highly effective neutron absorber.

→ Capturing & detection happen in the same material. \* Imp

→ third hardest known material.

→ black diamond

(HW)  
Read about this)

gauge error or pump error  
this is better!!

Leak test

methanol inside gap

if leaks → pressure at gauge fluctuates

(IV)

1 1  
No more pressure in  
joints

Starts from a valve  
& decreases

until it saturates  
like till 1-8

\* Chiller should never be off if we  
are using the tool (PCVP)



Water burst out of a pipe also  
burst.