LG and IF February 12, 1999

STAR CTB Base Testing

Construction and testing procedure

1. Visual inspection of base pc board with soldered components and wires.
2. Hot test to 2KV and 3 KV
3. Measure currents at each setting
4. Bases cleaned
5. Socket soldered on
6. Bases washed in ultrasonic.
7. Bases dried in oven (2 hr., 150 degrees)
8. Test Base at 2KV with PMT and check signal (Bi207 source in scintillator). Pulse height is ~500 mV at 2 KV.
9. Glue base into PVC cap.
10. Seal back of base with urethane.
11. Final Test Base at 2KV with PMT and check signal (Bi207 source in scintillator). Pulse height is ~500 mV at 2 KV.
12. Ship to Rice University.