**History**

* March 2009 stack ceramic baked 3x to address leaky NEG feed through braze
* July 2009 inverted ceramic baked upon installation, NEG shorted to ground

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**Pre Bake**

* QE scan and retract puck to HV chamber
* Record retro-reflection from photocathode
* Cycle and close valves to override
* LOTO HV cable blue tank, remove HV cable and grease from ceramic
* Remove 2I magnets
* Test isolation of NEG (short) and anode (open)
* If schedule permits: extractor gauge ON & rate of rise measurement

**Bake**

* Apply vac seal to braze joints
* Bake oven on HV + tapes on tube + gradient across PREP/2I values
* “Clean bake” so expect bake IP ok; bake line to turbo just in case?
* Suggest: 4+4+4 to 250, soak 24-36, 4+4+4
* Check IP HV cable (connectors loosen/go bad)
* Degas RGA and leak check at RT
* Degas extractor

**Post Bake**

* Test isolation of NEG (still short) and anode (open)
* Insert puck to test retro-reflection from photocathode
* Restore magnets, grease and insert HV cable
* Remove puck and hi-pot gun
* Make photocathode and test for QE in HV chamber
* Lifetime measurement
* Extractor gauge ON to base pressure
* Rate of rise measurement?