

Ceramic Equipment Diagnostic Report

Franklin Elementary

Skutt KM-1027

240v, 1ph

SN 009337 (about 15-20 years old)

Power off due to construction cannot verify voltage. Most likely 208. Absolutely single phase.

Elements (time to replace)

12.2

14.9

12.3

- Lid ok. Evidence of something having been set on it and glued down with epoxy or hot glue need to scrape off
- Floor OK, very good given age of kiln
- Still working in good shape, given age of kiln
- Bricks totally appropriate for age of kiln some pinning will be required when we change elements
- Power cord in good shape
- Peep hole plugs are missing
- 400 series board 5 slot box.
- Missing five case screws for Redbox
- Cannot test relays (ice cube) due to lack of power, but we need to replace them when we do the elements.
- Needs new thermocouple
- Needs new feeder wires
- Needs new wiring harness
- Needs Peep hole plugs
- Needs elements

Recommend replacing kiln due to age & condition. if there is not budget for that, replace elements, thermocouple, ice cube relays, wiring harness, feeder wire set, and circuit board.

New up draft vent a kiln system in place. Should be completely functional, but cannot test due to lack of power.