



INFORMATION NORMALLY REQUIRED TO MAKE
SILICON CARBIDE HEATING ELEMENT RECOMMENDATIONS

DESCRIBE FURNACE OR KILN:

DESCRIBE PROCESS:

NORMAL OPERATING TEMP. MAXIMUM DESIGN TEMP.

ATMOSPHERE: OPERATION: CONTINUOUS [] OR BATCH []

FIRING CYCLE: HEAT UP TIME to TEMP: SOAK TIME @ TEMPERATURE:

TEMPERATURE UNIFORMITY REQUIRED: °C [] OR °F []

PLEASE PROVIDE DIMENSIONED SKETCH FOR LOAD, HOT CHAMBER AND DOOR LOCATION

LOAD OR WORK AREA DIMENSION: (LENGTH x WIDTH x HEIGHT):

HOT CHAMBER DIMENSION WALL TO WALL (LENGTH x WIDTH x HEIGHT):

WALL & ROOF THICKNESS and COMPOSITION:

IF CONTINUOUS, HOW IS MATERIAL TRANSPORTED THROUGH KILN?

WEIGHT OF MATERIAL TO BE HEATED PER HOUR

WILL ANY VOLATILES BE GIVEN OFF DURING FIRING?

ESTIMATED POWER REQUIRED KW/HR:

INCOMING VOLTAGE: MAXIMUM AMPS AVAILABLE:

SINGLE PHASE OR THREE PHASE:

METHOD OF POWER CONTROL, Zero Cross SCR, phase angle?

HOW MANY ZONES OF TEMPERATURE CONTROL?

CONTACT NAME: Email:

COMPANY:

ADDRESS:

TELEPHONE: () FAX: ()