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: __________

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: _________________________________

COMPANY: __________________________________________

ADDRESS: __________________________________________

TELEPHONE: (_____) __________________ FAX (_____) ___________________

EMAIL: __________________________________________