



# SPECIAL FURNACE CO INC

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## FORM Q12G: STANDARD WARRANTY FOR SILICON CARBIDE ELEMENT FURNACES (Effective 9/1/2000)

This furnace is warranted by L&L Special Furnace Co.,Inc. to meet all quoted specifications unless changes are made and accepted by the customer. Furthermore, the furnace is warranted to be free of defects in material and workmanship for a period of one (1) year under normal usage with the exceptions stated below. Elements and thermocouples are warranted for six (6) months. All temperature controls, SCR power controls, transformers, recorders, and programmers are warranted by their respective control manufacturer under separate warranties. Alloy muffle, retorts, fans, castings and other alloy parts are not warranted against warpage, cracking or weld failure except in so far as the alloy fabricator of the component determines through his analysis that it is due to faulty material or workmanship. Ceramic and silicon carbide parts such as hearth plates are not warranted against breakage. Some packaged fan systems, such as those supplied by Industrial Gas Engineering, have their own separate warranty. Such warranty may be voided by not following operating instructions with regard to such things as cooling water flow. L&L will act as the intermediary in resolving any claims under separate control and component warranties but the determination of the original manufacturer of the component is final with regard to responsibility.

If any part needs repair or replacement during the warranty period, L&L will repair or replace the necessary items at no cost to the purchaser, except for transportation charges to and from the factory which the purchaser must pay. The purchaser must return all defective parts to L&L whereupon the purchaser will be issued a credit. If a service representative from L&L visits the purchaser's location for warranty work the customer will pay only for transportation and overnight expenses and time spent during transportation. The hourly rate charged for transportation time will be a specially discounted rate of \$65 per hour. The per diem rate is \$150 per day and mileage is billed at \$.40 per mile. If a service representative visits the purchaser's location for a problem not covered by this warranty, the purchaser will be billed at the standard rate of \$95 per hour for both travel and work time plus expenses (All rates are subject to change based on our standard published current rates.)

This warranty does not cover overfiring or firebrick cracking for any reason. Hairline cracks are a normal phenomena in furnace linings. NOTE: If the furnace is not cured carefully according to the furnace instructions, the firebrick will crack extensively. This warranty specifically excludes protection for this. BE SURE YOU FOLLOW INSTRUCTIONS. Moreover, be certain to examine the furnace very carefully upon arrival for cracks which may have occurred during shipment. The furnace is insured against this by the shipping company. The furnace warranty does not cover shipping damages.

The warranty does not cover normal shrinkage of ceramic fiber. The warranty specifically does not cover broken elements. Be sure to check for shipping damage immediately. The warranty does not cover losses or damages caused by the malfunction of the control system or thermocouple. We highly recommend the use of an overtemperature safety system. Overfiring of the furnace for any reason, including but not limited to faulty controls, thermocouples or improper wiring, is not covered under this warranty.

Specific waivers of L&L rights in fulfilling the obligations of this warranty do not imply implicitly or explicitly any future obligations not covered by this warranty.

Aspects of the furnace or system that are manufactured to customer specifications and which differ substantially from the normal method of construction used by L&L will not be warranted except for materials and workmanship.

Payment for the furnace must be made according to agreed on terms or L&L may, at its option, void this warranty.

Use of improper atmospheres shall void the warranty unless otherwise stated in writing by an officer of L&L. Unless specifically mentioned in writing, no explosive atmospheres may be used in the furnace. Such use will void the warranty and absolve L&L of any and all liability with respect to this furnace. A customer's process that generates atmospheres (such as but not limited to sulfur or florides) that are harmful to the furnace may, at L&L's sole option, void the warranty.

This warranty does not extend to the purchaser's process of manufacture or to the quality of the products processed in the furnace. The furnace is not warranted for any specific uses unless specifically stated in the quotation. L&L is not responsible for downtime costs and expenses associated with equipment failure or malfunction. This warranty is made only to the original purchaser of the equipment. L&L Special Furnace Co.,Inc. is not responsible for any consequential damages resulting from the malfunctioning of its equipment or for any other reason. L&L Special Furnace Co.,Inc.'s liability is expressly limited by L&L's terms and conditions of sale which are part of all quotations, invoices and acknowledgment forms. All technical advice, recommendations and services are rendered by L&L free of charge. While based on data believed to be reliable, such information is intended for use by skilled persons at their own risk. L&L assumes no responsibility to the purchaser for events resulting or damages incurred from use of such information on the part of the purchaser or L&L. Any advice given is not to be taken as a license to operate under or intended to suggest infringement of any existing patent.