



Matthews University



Elder Davis

“Did You Know”™ Educational Series



Issue No.124-05

A Publication of Matthews Cremation Division

CREMATORY EXHAUST STACKS

Is the design and construction of crematory exhaust stacks important?

Yes, the design and construction of crematory exhaust stacks is critically important.

Safety, durability and quality are three significant areas to evaluate when looking at differences in cremation equipment stacks. Underwriters Laboratories (UL) evaluates crematory stacks for safety based on analyzing methods and materials of construction as well as running them through rigid testing to determine whether or not they meet the (UL) safety requirements. There are two UL listed stack designs to look at depending on exhaust temperatures. Exhaust temperatures will vary depending on whether exhaust gases are pre-cooled or not.

(UL Listed Stack Designs)

Durability is another important factor related to safety. Both pre-cooled and non pre-cooled stack designs utilize 12 gauge, 304 stainless steel as its structural core. Stainless steel is very strong, will not rust and does not demand continual painting to preserve its integrity. The thickness of materials used adds to their durability as well, the stack is no place to skimp on materials.

Quality of materials and workmanship lead to safety and durability. The right materials have to be selected and assembled properly according to an approved design; a UL listed design, a symbol of quality and safety.

Don't let safety, durability and quality get lost in the details. Know the design and construction of your crematory exhaust stack system.

For service, sales or assistance please call (800) 327-2831

A publication of Matthews Cremation Division • 2045 Sprint Boulevard • Apopka, FL 32703

www.matthewscremation.com

Questions or comments may be sent to the address listed above

© Copyright 2005 All rights reserved no reproduction in part or whole without written permission from MCD.