

Commercial Kitchen Ventilation (CKV)



Intertek Offers Complete CKV Testing & Certification Solutions

The market for CKV systems, components and accessories is growing rapidly around the world. So too are the number of market entry requirements and standards that govern the products in this industry.

Intertek will help simplify the process of meeting these requirements with expert testing and certification solutions, including safety, performance, sanitation and EMC testing, as well as environmental standards such as the RoHS Directive.

Our speed, flexibility, expertise and exceptional customer service will help you bring your innovative products to market faster.



A Single Center-of-Excellence: San Antonio, TX

Intertek has committed to the CKV industry by making significant capital investments at our state-of-the-art facility in Elmendorf, TX (near San Antonio). This 5,000 square foot facility (2,000 sq.ft. dedicated to CKV) offers complete capabilities for the following standards and products:

- UL 710, ULC S646: Exhaust Hoods
- UL 710B: Recirculating Systems
- UL 1046, ULC S649: Grease Filters
- UL 1978, UL 2221, ASTM E2336: Grease Ducts and Duct Enclosure Systems
- UL 300: Fire Extinguishing Systems

In addition, we are currently in the process of developing a testing and certification program for ASTM F 2519 for capture efficiency testing of grease filters and extractors.



The Sign of Market Acceptance

Once a product is proven to meet the minimum requirements of its applicable safety standard, it is then eligible to bear the ETL Listed Mark. The ETL Listed Mark is America's fastest growing safety certification mark and the sign of an innovative manufacturer who values speed and flexibility over a prolonged testing schedule.

More than 40,000 products bear the ETL Listed Mark, and it is accepted by AHJs, inspectors, fire marshals, buyers and retailers across America.



Experience – and Expertise – in CKV Testing and Certification

For more than 100 years, beginning in Thomas Edison’s Electrical Testing Laboratories (ETL), we have honed our skills and earned our reputation in product testing. More specifically, Intertek has been listing CKV products for over 15 years.

Intertek engineers participate on industry technical committees and provide guidance and insight into code revisions and standards updates. Organizations such as ASHRAE, NFPA, ICC, NAFEM, IAPMO and others benefit from our engineers’ experiences in CKV testing.

Due to our high levels of testing expertise and our “above-and-beyond” customer service, many manufacturers who have had products listed with other testing laboratories are now switching to the ETL Listed Mark.



The Future of CKV Testing

Due to the ever-changing technologies of exhaust hoods and grease removal devices – energy efficient products, reduced air flow, grease capture efficiency, open kitchen designs, UV lights, etc. – the industry is primed for explosive growth. With expansion, however, comes responsibility for safety and quality.

New standards, codes and regulations will continue to arise as fast as new technologies require them. For example, ASTM F 2519 for grease capture efficiency and new regulations such as by the Bay Area Air Quality Management District (BAAQMD) for reducing pollution.

And finally, CKV industry research from the ASHRAE technical committee 5.10 and others will continue to help shape the industry. Products or product categories that do not currently need testing and certification may require safety listings in the future. It’s vital for manufacturers to work with a testing and certification partner who not only knows the requirements and regulations, but can also work as an advocate on behalf of manufacturers and others in the industry when necessary.

Contact Intertek Today!

For more information about our CKV testing and certification services, or to get your project started right away, contact us today.