Arc Flash Risk Assessment

You know and trust TÜV SÜD GRC for Infrared Thermographic services. Now, let us help you with your Arc Flash Protection needs.

An arc flash occurs either when an electric current passes through air between conductors or from a conductor to ground instead of its intended path; temperatures can reach as high as 35,000° Fahrenheit! Arc flash conditions can occur when work is being conducted on energized equipment, or during an electrical equipment failure.

The recent 2017 National Electric Code (NEC) update specifies that service equipment above 1200A need an arc flash assessment. Almost half of all states have already adopted the 2017 NEC and this code can be expected to become implemented nationwide. As this code becomes the standard, arc flash assessments will become mandatory.

Goals of an Arc Flash Assessment

- Calculate the incident energy that may impact a worker
- Calculate the appropriate arc flash protection boundary
- Determine the proper personal protective equipment (PPE)
- Facilitate safe working conditions

How can TÜV SÜD GRC’s Arc Flash services help?
The arc flash service team is led by our electrical P.E. and is licensed throughout the United States to deliver a consistent, high quality service regardless of geographic location. In addition to providing short circuit analysis, protective device coordination study and one-line electrical diagram we will also work with your team to develop a training program to prepare your employees to operate safely in this environment.