

# Quality Control

The key to IDC Engineering's prosperity is firmly rooted in client satisfaction. As professional and reliable completion of engineering projects, the focus on quality is critical. For the consultant, growth comes from repeat business. Therefore, quality control is fundamental to the prosperity of IDC. We utilize quality control procedures to assure the consistency of our results. Critical to the timely, accurate, and professional completion of projects, our procedures are multi-layered and implemented at various stages of the process. Perhaps of ultimate importance: the process and its components are fluid, able to change and evolve quickly as situations and circumstances warrant.



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IDC Engineering, Inc.

# Arc Flash Assessment



*Emphasis on Excellence*



# Arc Flash Assessment



## Arc Flash Hazard

It is estimated that one worker dies each day from arc flash related injuries. There are no reliable estimates on the impact the permanent, disfiguring injuries have on those who survive an arc flash without proper protective equipment.

Since 1976, the National Fire Protection Association has worked to establish the

benchmark for Arc Flash Safety, a cause that has recently been adopted by state and local safety regulators.

The process requires an evaluation of your facility to identify the hazards that exist and to establish the protective equipment needed for your employees and contractors. The responsibility for anyone who works on your plant's electrical system remains with YOU, regardless of employer.



## Manageability


While safety remains paramount, manageability is critical to implementation. A plan with inherent complexity invites non-compliance, and can eventually lead to dangerous working conditions and undue risk for the owner.

IDC Engineering, Inc., is committed to developing streamlined, safe and effective arc flash programs and procedures. Our extensive experience in the field has enabled us to identify and safely contain the hazard without unnecessary bureaucracy.



## Experience

Our experienced engineers will survey your plant, analyze the electrical system with state of the art technical software and prepare proper safety documentation, equipment labeling and planning for plant personnel. Once complete, our knowledgeable staff will help you implement your procedure by training both your managerial and field personnel.

	
<b>WARNING</b>	
<b>Qualified Personnel Only</b>	
Arc Flash & Shock Hazard Appropriate PPE Required When exposed to energized components	
PPE Level: 0 <1.1 cal/cm <sup>2</sup> @ 18 inch XX inch Flash Protection Boundary 4160V Shock Hazard Exposures Use Class 1 insulated gloves when working within 26 inch of exposed energized components	
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Bldg:	

## Partial Client List—Arc Flash Analyses

- Honda of America Manufacturing, Marysville, OH
- Honda Motorcycle Plant, Marysville, OH
- Honda Transmission Manufacturing, Russells Point, OH
- Honda South Carolina, Timmons ville, SC
- Honda East Liberty Plant, East Liberty, OH
- Cargill, Inc., Sidney, OH
- Protec Coating Company, Liepsic, OH
- Setex, St. Marys, OH
- BASF, Greenville, OH
- Union Rural Electric Cooperative, Marysville, OH
- Plastipak Packaging, Inc., Plymouth, MI
- W. C. Wood Company, Inc., Ottawa, OH
- Rolls-Royce, Mount Vernon, OH

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