



THE EASTERN SPECIALTY COMPANY

Safety First

TESCO helps utility get new safety tool to field faster than ever

You have investigated and now you understand the problem. You know what you need. How do you get this fabricated and released to your team? Has this happened to you? TESCO is working hard to get your ideas into the field or meter shop in days or weeks using our new 3D printing stations.

Case study: Preventing an Arc Flash situation in the field

A utility in New England came to us with a field safety issue. A ring-style residential meter box used in their service territory has a nearly symmetrical cover. The cover can be put on correctly or upside down. When put on correctly the bottom of the cover dips inwards and rests in a lip on the meter cover preventing the cover from moving once the ring and meter are removed. If installed upside down there are no external markings showing the cover is upside down.

Problem: All appears normal until the next meter tech removes the meter. As soon as the meter is removed the cover slides off and falls to the ground. Aside from nearly always striking the meter tech in the foot, the cover also falls past the live jaws, frequently resulting in a dangerous arc flash. The utility needed something to easily secure the cover that could be easily removed when the job is completed.

Solution: Within days of meeting with our Regional Manager, the customer had the first prototype in their hands. Over the course of several weeks a number of designs were created, printed, tested in the field and improved using the customer's feedback. An injection mold is being created and the utility is rolling out this new safety tool to every meter tech and field tech who may have to remove a residential meter within their service territory.

With the TESCO 3D printing service you will be able to:

- Transform ideas into finished product quickly
- Address safety needs with fully function 3D rapid prototypes
- Customize parts/tools without delays or tooling modifications
- Shrink a development process from months and years to a matters of days or weeks

For more information on our 3D printing service, visit us online at www.tesco-advent.com or contact your Regional Manager.



Metering. Leader...Since 1904

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