

February 2018

'Grow electrical and low voltage market share while enhancing customer satisfaction and total value'

CURRENT RIR RATE: 0.0 CURRENT DART: 0.0

Job Site Safety

We made it through January with zero recordable injuries, but winter is still hammering down on us. Stay diligent and be aware of all the winter hazards as we slowly but surely make our way to Spring!

This month's jobsite portion will focus on Electrical Rated PPE. I've already engaged a lot of the sites with this project, but it's something we need to get back into compliance with; and fast.

As discussed, all electrical gloves must be tested every 6 months. Most of the comments I've heard in the field was that the testing takes too long, and the sites would be without PPE. Moving forward, we will always have gloves at the shop that are tested and ready for use.

Between the Safety Department and The Warehouse, we will keep track of all testing dates, and coordinate with sites to help return/deliver compliant gloves.

Listed here is a great chart to help ensure the proper Class of glove is being utilized. Please note, the color of the tag on the gloves will NEVER change, no matter who the manufacturer is. For instance, a Class 2 glove will have a yellow label in ANY brand. It's another great way to verify you are using the proper PPE.

The ARC Kit/Garment procedures are also being updated. Moving forward we won't allow any garments over 10 years old. In the near future we will be working to replace any kits that are beyond that date range.

We are setting this age for replacement because it's often the damage to the garment we CAN'T see. Fiber degradation can happen from moisture, dirt, and anything else is comes in contact with. Most of us don't have clothes that are 10 years old. Not just for the outdated style, but the clothes tend to become brittle or degrade. The same goes for FR/ARC Clothing, and we don't want to take any chances with materials that are meant to save lives.

Garments must be inspected prior to each use and taken out of service if found to be defective. Unfortunately, there is no 'test' for a garment since it would have to be exposed to an arc/burn for that to happen. Be looking for rips, tears, holes, frayed stitching, or unknown substances on the material. Do not write on garments, and do not alter them in any fashion. For instance, adding a patch to the garment which is not rated could have disastrous effects should an event occur.

To help with the process of keeping our garments clean and in proper functionality, we are installing a washer/drier at the shop. Moving forward, any kit that comes back to the shop will be properly cleaned before being reissued. This will help ensure the product is safe, it will also prolong the life of the material, as well as help

ASTM Labeling Chart Natural Rubber Electrical Insulating Gloves			
Class Color	Proof Test Voltage AC/DC	Max. Use Voltage AC/DC	Insulating Rubber Glove Label
00 Beige	2,500 / 10,000	500 / 750	10 ASTM D120 CLASS 01 EN60903 TYPE 1 500V AC
0 Red	5,000 / 20,000	1,000 / 1,500	10 ASTM D120 CLASS 2 EN60903 TYPE 2 1000V AC
1 White	10,000 / 40,000	7,500 / 11,250	10 ASTM D120 CLASS 3 EN60903 TYPE 3 7500V AC
2 Yellow	20,000 / 50,000	17,000 / 25,500	10 ASTM D120 CLASS 4 EN60903 TYPE 4 17000V AC
3 Green	30,000 / 60,000	26,500 / 39,750	10 ASTM D120 CLASS 5 EN60903 TYPE 5 30000V AC
4 Orange	40,000 / 70,000	36,000 / 54,000	10 ASTM D120 CLASS 6 EN60903 TYPE 6 36000V AC

with odor. We can joke about that, but it can become an issue!! The garments spend most of their time in a confined bag, so any dirt/grime/moisture/odor has nowhere to go. Once we are set up, feel free to bring kits back to the shop periodically to have them washed. It helps everyone involved!

Lastly, we will be including the NECA PPE Selector in each kit to help ensure you have the correct equipment for the job. These are now stocked at the shop, and can be ordered through the requisition process if any additional books are needed.



Site Foreman: If you haven't already, please return your 70e PPE Inventory sheets to Rob ASAP so we can replace products immediately as needed.

Do not ever hesitate to ask Rob with questions about 70e PPE. This program saves lives, and we need to do it the right way every time. These steps we are taking will not only get us to compliance, but go beyond to make sure our employees are safe.

Safety At Home

February's topic will piggy back somewhat off of last month's Carbon Monoxide information. We want to make sure that auxiliary heating methods are looked after properly.

Heating equipment fires accounted for 15% of all reported home fires in 2011-2015 (second behind cooking) and 19% of home fire deaths.

Space heaters are the type of equipment most often involved in home heating equipment fires, figuring in just over two of every five fires (43%). Significantly, the fires involving space heaters accounted for 85% of the civilian deaths and 78% of civilian injuries in home fires caused by heating equipment, as well as over half (53%) of direct property damage.

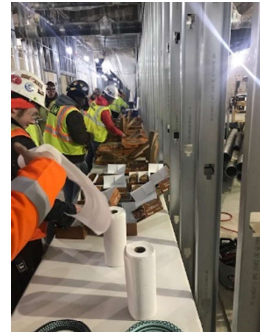
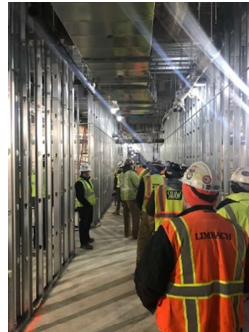
The leading factor contributing to ignition for home heating fire deaths (53%) was heating equipment too close to things that can burn, such as upholstered furniture, clothing, mattress, or bedding.

Be careful when using space heaters and other items such as this. A few simple steps can keep everyone safe during these harsh winter months.

Employee Recognition

This month we want to give proper recognition to the crews at Beaumont Health System's Botsford Campus. The entire project received a Safety Recognition Day from Barton Malow which included pizza and desserts.

Upon talking to some of the Barton reps, we were also told that our team has been complimented for going above the call of duty. Examples such as helping patients cross roads in the parking lot, providing directions amongst the campus, and being professional in general. Great job team, keep up the good work!



WE WANT TO HEAR FROM YOU!

We had really great participation for the first edition of the newsletter, especially with such a tight time frame before February's was published. While all the ideas were great and a couple will be used in general, the first \$50 gift card winner is Bob Combs!

As Pre Fab Supervisor, he has concerns for the wellbeing of others that come into their production area, but aren't wearing eyewear.

His team is required to wear eye protection due to the hazardous procedures they are performing in the area. This includes drilling, sawing, grinding, and other functions.

Someone walking through the Pre Fab Area without proper protection could very easily catch debris to the eye. His team wears protection for a reason, and everyone else should too.

Moving forward, anyone going back into the Pre Fab area will need to wear eye protection. This is the area squared off by yellow paint on the floor.

We will also be providing floor signs to help ensure that anyone who approaches the area is aware.



We will also provide an Eyewear PPE Station. Please only utilize these for the Pre Fab Area. If

anyone needs new eyewear for use on the job, we can get those through Jason. These are meant for visitors or anyone who has forgot theirs. When finished, please return them to the PPE station. There will be alcohol cleansing wipes provided in the station as well.



As always, ideas can be submitted:

- In person to Rob Plesich at my desk or in the field
- Via phone to Rob (248) 228-2018 or (614) 535-8779
- Via email to Rob: rplesich@shawelectric.com

