

NEWS LETTER

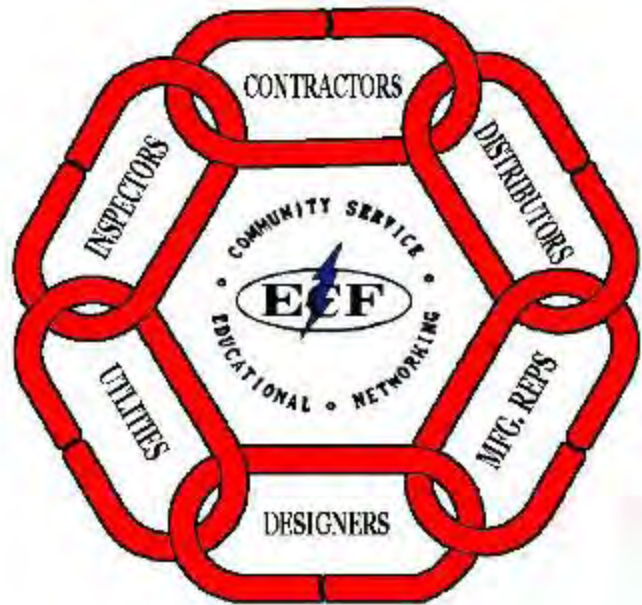
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April 2010

COMING UP

April 27th

Standby Power and Emergency Generators

New location: Golden Corral at 5535 South Kirkman Road { SE corner of Kirkman Rd and Vineland Rd across from Universal Studios next to Walgreens }

May 25th

Cook Out at Camp Down

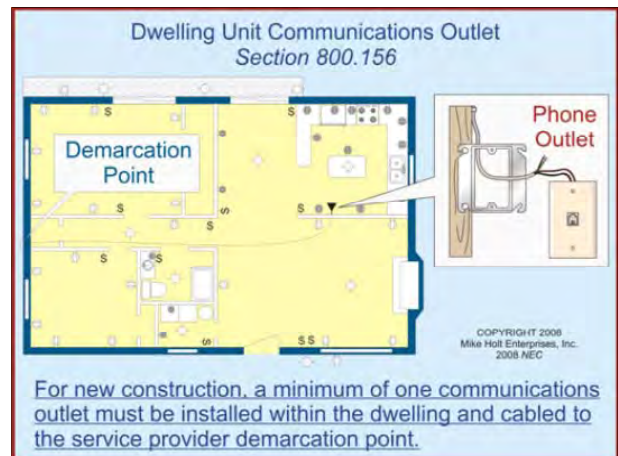
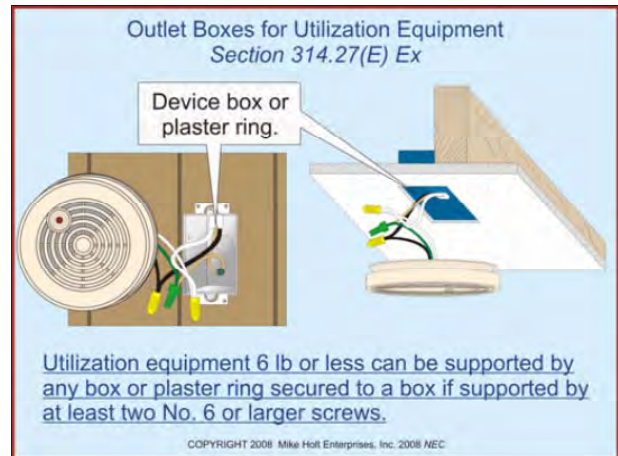
Editor's Note

From: John R. Ewen

Welcome to another ECF Central Chapter Newsletter. Since our last newsletter we have been involved in a variety of outstanding presentations. The Solar Energy Revolution was presented by Dave Click who explained how to safely inspect PV systems, as well as how to utilize the Florida Solar Energy Center to position your company to profit in the PV industry. "Can This Marriage Be Saved" was another great topic covered at our February meeting. The topic gave everyone the opportunity to discuss business practices that harm or devalue the manufacturer, distributor and contractor partner relations. The month of March ended with our Exploration Green Industry Wide Trade Show held at the Central Florida Fairgrounds. It was a great opportunity to take a journey with ECF and Exhibitors to see environmentally friendly and energy efficient products and services.

It has been an exciting first quarter of 2010. Going forward we have another lunch meeting and our Cookout at Camp Down. We are planning on trying a new location for our April lunch meeting: With this in mind, please check the location on the flyer. In the newsletter, the article on Continuing Education indicates the dates of the CEU classes. Remember that ECF members can attend these classes for free, so don't miss out. Again, I thank you for taking time out of your busy day to read our newsletter and I will be looking forward to seeing you at our next meeting.

2008 Code Changes



Continuing Education

CEU Classes – Free for ECF Members

Members of the Electrical Council of Florida are eligible to receive free CEU credits. All licensed electrical contractors are required to obtain fourteen ECLB-approved continuing education credits every two years. The current license renewal period ends August 31, 2010.

The Central Chapter will be offering all fourteen hours during classes held on May 14 & 15 at Mid-Florida Tech in Orlando. Further details will be published soon. Those interested in registering now can do so by contacting Jamey Winrow @ 407-608-0871 or by e-mail to ecfcentralchapter@gmail.com.

Remember, ECF members can attend these classes for free! Non-members are welcome to attend for a fee.

The Solar Energy Revolution ECF Lunch Meeting



ACT News

From: Nancy Merced



**ACT STUDENTS ARE
READY TO WORK!!**

Be a part of securing tomorrow's workforce... Register **TODAY** for upcoming interviews!

Active **ACT CONTRACTOR members** can find the registration form on the ACT website under the Program News Tab.

Not a member or haven't renewed your membership? Visit the ACT website to complete the membership form.

CONTRACTOR MEMBERSHIP entitles you to attend any or all of the scheduled interview dates and employ an **unlimited number** of students for one great price

WEDNESDAY 4/07/10 ORANGE COUNTY SCHOOL DISTRICT:

Westside Technical Center
955 E Story Road
Winter Garden, FL 34787
8:00 AM-10:30AM

TUESDAY 4/20/10 SEMINOLE COUNTY SCHOOL DISTRICT:

Seminole State College
Contractors Building D
100 Weldon Road
Sanford, FL 32773
1:00PM-3:00PM

WEDNESDAY 4/28/10 OSCEOLA COUNTY SCHOOL DISTRICT:

District Transportation Center- building next door to TECO
Conference Room
401 Simpson Road
Kissimmee, FL 34744
8:00AM-10:30AM

WWW.ACTCAREERS.COM

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Nancy Merced, CIT
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c/ 407-466-1235 contact@actcareers.com
PO Box 592744 Orlando, FL 32859

ECF OUTREACH

Electrical Council of Florida's Central Florida Chapter Outreach program's mission is to provide a point of contact between those who provide services, and the members in need, refer members to appropriate agencies, service providers, and programs available to the electrical community.

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Business Practices ECF Lunch Meeting



Safety Tip

From: John R. Ewen

The basic rules of good lifting are

- Size up the load before you lift. Test by lifting one of the corners or pushing. If it's heavy or feels too clumsy, get a mechanical aid or help from another worker. **WHEN IN DOUBT, DON'T LIFT ALONE**
- Bend at the knees. This is the single most important aspect of lifting!
- Place your feet close to the object and center yourself over the load
- Get a good hand hold
- Lift Straight up, smoothly, and let your legs do the work, not your back
- Do not twist or turn your body once you have made the lift
- Make sure beforehand that you have a clear path to carry the load
- Set the load down properly
- Always push, not pull the object when it's on a cart or dolly. If it's a long load, get some help
- Split the load into several smaller ones when you can



The wrong way!



The right way!

Congratulations

The President of the Central Chapter of ECF, Jeff Menke, presents the Apprenticeship Incentive Initiative award to Ryan Schumaker who has graduated from the ACT program. Ryan has also received the Spencer D. Clark scholarship award and is presently enrolled in the FEAT program to continue his electrical apprenticeship education. Ryan is presently working for Tri-City Electrical Contractors Inc.



ECF a smart choice

ECF is a non-profit trade association, owned entirely by its members. ECF's primary purpose is to unify and strengthen all segments of Florida's electrical industry. While some segments have problems and goals that are unique to their individual discipline, most segments have many common goals which can be reached through communication and working together. ECF was started in 1961 by a core group of 22 individuals with a goal of unifying the highly fragmented industry. ECF can help promote harmony and cooperation within the Electrical Industry.

EVEN TODAY, ECF is the only association that has members from every part of the industry. Because we have a broad range of diverse members, ECF can interact with the membership and serve as a catalyst when communications break down between the various groups. ECF can offer a 'safe haven' for dialogue and can work to resolve the problems that occur from time to time. ECF is committed to encouraging and supporting education and [continuing education](#) for all of its members, large or small. ECF promotes and encourages members to attend FREE [continuing education programs](#) and offers classes throughout the year at State meetings to make the 14 hours of CEU training available at no charge.



Greg Roth

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ECF 2010 Exploration Green Industry Wide Trade Show





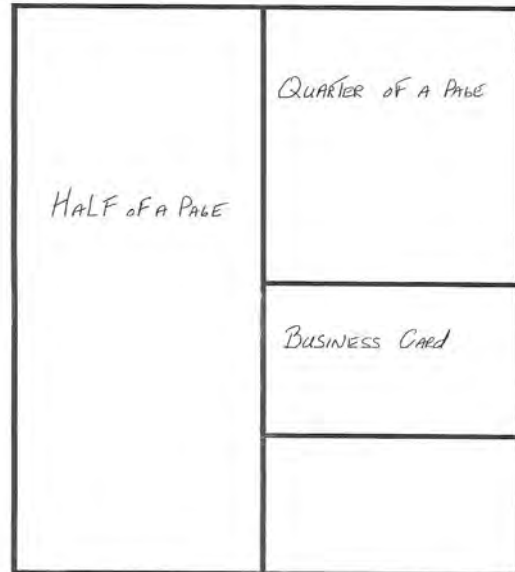
March 30th Tradeshow Vendors

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Directional Drilling

Code Corner

By Edward Fox, Jr.
Chief Electrical Inspector

The following article was in the IAEI News Bi-Monthly Magazine for November/December 2009 issue, in the IAEI focus on the Code regarding the interpretation for article 406.11- Tamper-Resistant Receptacles in Dwelling Units.

A question has come up about the intent of the panel regarding article 406.11. I think the language is fairly clear but someone has come up with the idea that receptacle outlets required by article 210.63 and permitted by article 210.70 would not be required to be tamper-resistant, as they are not "specified in article 210.52". We had one inspector (not ours, thankfully) assert that the provisions of the first paragraph of article 210.52 exempted outlets as follows: "TR receptacles are not required in soffits, mechanical rooms, cabinets or for the garage door opener.

This would also exclude the garbage disposal, microwave or dishwasher outlet, if installed in a cabinet."

I know that this is a contentious issue and hopefully I can shed some light on it. First, the language of NEC 2008 states "in all areas specified in article 210.52..." This language clearly indicates that all the receptacles in the areas specified in article 210.52 are required to be tamper resistant. This includes those receptacles specifically required by article 210.52 as well as any other receptacles installed in those areas.

Therefore, I direct response to your question, the receptacles installed to meet the requirements of article 210.62 would need to be tamper-resistant as if they are installed outdoors (article 210.52 (E)) or in basement or garages (article 210.52 (G)).

The switched-receptacles allowed by article 210.70(A) (1) Exception 1 are installed in habitable rooms which are covered by article 210.52 (A) and must be tamper-resistant.

Garages are covered under article 210.52 (G) so the garage door opener receptacle is required to be tamper-resistant as are other receptacles installed in the garage.

Soffits are covered by article 210.52 (E) Outdoors or by article 210.52 (A) General.

The garbage disposal, microwave, and dishwasher receptacles are installed in kitchens which are mentioned in article 210.52 (B) and must be tamper-resistant.

The only receptacles that could possibly be a non-tamper-resistant style are those installed in dedicated mechanical rooms or attics. I do not see that these rooms are areas covered by article 210.52, unless they are also considered to be habitable rooms of the type listed I article 210.52 (A). - Tim Owens, Code Making Panel -18.

The City of Orlando and Orange County do agree on this interpretation.

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APPRENTICESHIP INCENTIVE INITIATIVE

The electrical apprenticeship training program here in Central Florida has always been the premier apprenticeship program of all the trades within our industry. However, to have an apprenticeship program you must first have apprentices and the best resource we have for these apprentices is right here in our public school system. Today we are not just competing within our industry but also with other industries for the same people as they make their career choice and plan their future. To compete with the other industries and to encourage the students to select the construction industry as their career, we felt a need to also offer other incentives. These incentives would be used to not only help in the recruiting of pre-apprentices into the Academy of Construction Technologies (ACT), but to also provide incentives for people to continue their education and to complete the Florida Electrical Apprenticeship Training (FEAT) program as well.

Therefore, the Central Chapter of the Electrical Council of Florida (ECF) is spear-heading an initiative called the "Apprenticeship Incentive Initiative" to raise funds to promote electrical pre-apprenticeship and apprenticeship in Central Florida. The pre-apprenticeship training in our area is provided by the high schools of Orange, Osceola and Seminole County Schools Districts in partnership with the Academy of Construction Technologies (ACT). The apprenticeship training is provided by Florida Electrical Apprenticeship Training (FEAT). This initiative would provide cash incentives that would encourage students to enroll in ACT for pre-apprenticeship training while in high school and to continue their apprenticeship education and training in the FEAT program after graduating from high school.

The budget to fund this Initiative would be \$9,500.00 with ECF donating \$4,500.00 from their operating budget and the balance coming from donations by industry partners. Industry partners would also join ECF in meeting this challenge by donating \$500.00 to become an Apprenticeship Incentive Initiative sponsor. The funds obtained through this initiative will be distributed to the students in these programs as follows:

- 1) \$1,500.00 will be donated to each of the three school districts (Orange, Osceola and Seminole) to be used as incentives for ACT students to (1) complete the pre-apprenticeship program, (2) to enroll in the FEAT Apprenticeship Program upon graduating high school and (3) to continue employment after high school in the construction industry. Each graduating pre-apprentice of the ACT Program will be eligible for a drawing that will take place at the ACT Banquet. The pre-apprentice will receive one entry into the drawing for meeting each of the following qualifications (a total of 3 possible entries):
 - a) The ACT student will receive one entry for completing the ACT program. To complete the ACT Program, the student must have satisfactorily completed the ACT course in the 11th and 12th grade and worked their summer OJT between their junior and senior year with a sponsoring contractor.
 - b) The ACT student will receive one entry if they complete high school with a grade point average of 2.5 or better.
 - c) The ACT student will receive one entry if they have perfect attendance while attending ACT classes and summer OJT.
 - d) To receive the award, the ACT student must be in attendance at the ACT banquet.The winning apprentice in each of the three school districts will receive the \$1,500.00 in the following increments: \$500.00 to be presented upon enrollment into the FEAT apprenticeship within the same calendar year that he/she graduates the ACT Program, \$500.00 upon completing the 1st year of FEAT and the remaining \$500.00 paid upon completion of the 2nd year of FEAT.

- 2) \$1,000.00 will be donated to each of the five FEAT schools (SCC, TECO, Westside, Mid-Florida and Hungerford) to be used as incentives for FEAT students to complete their apprenticeship and to continue their career in the construction industry. The FEAT graduates from each school will be entered into a \$1,000.00 per school drawing, to be conducted at the FEAT graduation. Each of the FEAT graduates will receive an entry into the drawing for meeting each of the following requirements (a total of three possible entries):
- The graduating apprentice will receive one entry for completing the FEAT program.
 - The graduating apprentice will receive one entry for graduating with a grade point average 3.0 or greater.
 - The graduating apprentice will receive one entry for perfect attendance to FEAT classes for the year.
 - To receive the award, the FEAT graduate must be in attendance at the FEAT graduation banquet.

Apprenticeship Incentive Initiative

JOIN ECF IN MEETING THE LABOR SHORTAGE FACING OUR INDUSTRY BY BECOMING AN INCENTIVE SPONSOR FOR THE ELECTRICAL APRENTICESHIP PROGRAMS. THE GOAL IS TO ENCOURAGE APPRENTICES TO COMPLETE THEIR APPRENTICESHIP AND TO CONTINUE WORKING IN THE ELECTRICAL INDUSTRY UPON GRADUATION THROUGH CASH INCENTIVES.

AS A SPONSOR YOUR COMPANY WILL RECEIVE A PLAQUE FROM ECF IDENTIFYING YOUR COMPANY AS AN INCENTIVE SPONSOR FOR APPRENTICESHIP. YOU WILL ALSO BE FEATURED AND RECOGNIZED IN THE ECF NEWSLETTER, ACT AND FEAT PUBLICATIONS, AND AT THE ACT AND FEAT GRADUATIONS.

THE COST TO BECOME A SPONSOR IS \$500.00. PLEASE COMPLETE THE APPLICATION, ENCLOSE YOUR CHECK OR CREDIT CARD INFORMATION AND RETURN TO:

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Please complete the information below for each member who is joining ECF. Corporate Members, please copy this form for each additional member who will be joining.

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- Individual Dues - \$175.
- Corporate and/or ECAP Dues - \$250
Additional Corporate Members - \$100 ea
- Associate Dues are \$25.00 plus Corporate and/or ECAP Membership
- Central Florida members please add \$20.00

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