



The Tool Box

Serving the Electrical, HVAC & Plumbing Industries Since 1912

Volume 5, Issue 91 February 1, 2008

MCASC/ABCC CCP Grant Construction Trades Mid-Year Progress Report

Executive Summary

The primary objective of the MCASC/ABCC, CCP Grant – Construction Trades initiative is to partner with the educational community in an effort to improve the image of the construction industry to students, educators, and parents in order to demonstrate the existence of viable career opportunities for tomorrow’s workforce in South Carolina.

The major areas of the initiative that are included in this report include:

- New/Existing Program Enrollment Information
- Marketing/Public Awareness Activities
- Student Certifications
- Instructor Training/Testimonials
- Planned Future Activities
- Financial Status versus Grant and In-Kind Budgets

This mid year progress report is intended to inform DOE and others within state government of our team’s efforts with this initiative to date.

Primary Goal of the Grant

- Improve the image of the Construction Trades
- Attract youth to the Construction Trades

New/Existing Program Enrollment Information

The Career Cluster Partnership Grant program for the Construction Trades (CCP-CT) did not exist prior to July 2007. During the discovery phase of our grant implementation, we found several Career and Technical Education (CATE) facilities that were conducting similar programs to our proposed program design: WorkKeys, OSHA 10 certificate, NCCER CORE curriculum, and where available the National Construction Career Test (NCCT). Rather than duplicate existing programs, we decided to enhance existing programs where appropriate. Additionally, we found schools that may be considered “non mainstream” and had not heard about the CCP-CT grant program. These schools were excited about the opportunities this program could bring to their students and have embraced it. We have briefly mentioned the results of our efforts as of December 31, 2007 with both new and existing programs.

Glenforest School - Columbia, SC This school is participating and will be offering the CCP-CT program to students. In mid-December 2007, we worked with Glenforest to send three instructors to the NCCER ICTP (Instructor Certification Training Program) class. Those three instructors are now certified to teach all or parts of the NCCER Core Curriculum. Glenforest began class on 22 January with plans to add students later in Spring 2008. The forecast is to graduate 12 students through the CCP-CT program by June 2008. In addition to funding the ICTP class, CCP-CT has purchased the education materials necessary for the program.

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**2008 MCASC
Winter Retreat
Park Vista
Resort Hotel
February 21-24**

**See You In
Gatlinburg!!!**



**MCASC
Statewide Rally
& Barbeque
With Special Guest
U. S. Senator
Lindsey O. Graham
March 19 or 26
Final Date TBA
The Coop
Mark Your Calendar!!**

**Mechanical Member:
TEACHEY MECHANICAL, INC.**

The Teachey Companies

Teachey Mechanical, Inc.

In 1969, Glenn Teachey started Teachey Mechanical specializing in design build commercial and industrial heating, ventilation, air conditioning, plumbing, process piping and energy management. Working day-by-day and job-by-job, Teachey Mechanical became a trusted leader in design and installation of mechanical systems earning a reputation for quality, integrity and reliability.

Teachey Service Company, Inc.

Teachey Service Company, formerly TBG, Inc. was created in 1972 as the start-up and warranty subcontractor for Teachey Mechanical. Teachey Service Company expanded its services to include preventative maintenance, service, replacement, building controls, energy management and electrical services. As a result, "The Teachey Companies" became one of the leading single source providers for mechanical and electrical solutions in the Southeast.

Ben Teachey, P.E. is the president of both companies.

Teachey Mechanical, Inc.
P. O. Box 339
Simpsonville, SC 29681-0339
Phone (864) 967-2917, Fax (864) 967-3817

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FEBRUARY BIRTHDAYS

| | | | |
|----------------------------|-------------|---|--------------------------------|
| Carol Coleman | 2/2 | Walker White, Inc. | Wife of Harvey |
| Lewis Henderson | 2/2 | Henderson & Associates | |
| Richard Miller, Jr. | 2/2 | City Plumbing Company of Florence | |
| Al Hitchcock | 2/10 | C. R. Hipp Construction, Inc. | |
| Sandra Bishop | 2/12 | Waldrop, Inc. | Wife of David |
| Billy Zimmermam | 2/13 | Charlotte Pipe & Foundry Company | |
| Ann Cullum | 2/17 | Cullum Mechanical Construction, Inc. | Wife of Furman |
| John Williams | 2/19 | Cashion Electricians, Inc. | |
| Bob Smith | 2/21 | Rep-South | |
| Rosa Williams | 2/21 | Cashion Electricians, Inc. | Wife of Eddie |
| Vicki Bobbitt | 2/25 | Bryce Mechanical Contractors, Inc. | Friend of Darlene McGee |
| Brenda Poplin | 2/25 | B & L Electric | Wife of Henry |
| Debbie Hill | 2/27 | Hill Plumbing & Electric Co., Inc. | Wife of Frank |
| Arden Lewis | 2/27 | Southeastern Electrical Distributors | |
| Donnie Smith | 2/27 | Easley Mechanical | |

*Happy Birthday Members! We Would Like To Announce Yours.
Please call the Birthday Hotline at 803-772-7834 or Email to mflowers@mcasc.com*

“Tool Box Talks” - Safety Tip**VEHICLE SAFETY**

Vehicles are used every day on our job sites, and we become so familiar with them that we forget the importance of vehicle safety. Here are some things we need to keep in mind when using vehicles.

Vehicles must be in proper condition. Vehicle inspections are the responsibility of each driver/operator. Check fuel, oil and water levels each day. Never take the inspection of the vehicle for granted. Look at the condition of tires and make sure that turning signals and head lights are working. Record the results of your inspection in a vehicle inspection log.

When operating a vehicle, observe these rules for vehicle safety. Always obey the speed limit. Just because the speed limit is 55 miles per hour, is that speed always safe? No. Adjust your speed for traffic, weather and other factors that can affect your ability to stop.

Equip all materials that hang over the sides or extend beyond the tailgate with red flags. Check to make sure that tail gates are closed and materials are properly secured before starting out.

The maximum number of passengers allowed in a vehicle depends on the number of seats equipped with safety belts. Safety belts are to be worn by all occupants of the vehicle. Failure to wear your seat belt could result in your termination.

Remember to drive defensively. Right of way is something to be given, not taken. When you are driving, you must be concerned about the other driver and his or her actions. Watch them while you watch yourself.

Remember to report any problems with a company vehicle to your supervisor immediately. Any abuse of company vehicles could result in your termination. Treat them with care and respect.

REMEMBER TO CHECK YOUR BLIND SPOTS BEFORE CHANGING LANES

Take the Motor Vehicles course at the RSS Virtual University for only \$20: RSSsafety.360training.com.

RSS Safety, LLC

1122 Industrial Drive, Suite 109, Matthews, NC 28105

Telephone (704) 844-2519 Fax (704) 844-0291

Concerns

Steve Caswell - W. O. Blackstone, Columbia
Cynthia Hill - Hill Plumbing & Elec. Co., Sumter
Cindy Sheppard, Florence

Welcome New Members

Jamie Roberts - Snider, Inc.
Anderson, SC
Tom George - Retail Air Services, LLC
Anderson, SC
Robert Motley - Insurance Office of America
Lexington, SC
Jim Hearn - Hayes & Lunsford Electrical Contractors
Greenville, SC

Upcoming Events

MCASC Statewide Rally & Barbeque
Wednesday, March 19 or 26, 2008
Final Date To Be Announced Soon
Special Guest U. S. Senator Lindsey O. Graham
The Coop, Columbia, SC
2nd Annual Clays for College
Friday, April 25, 2008
Harris Springs Sportsman's Preserve
Waterloo, SC
The Santee Scholarship Tournament
June 6-8, 2008
Quality Inn & Suites, Santee, SC
MCASC Summer Convention
July 31 - August 3, 2008
Daufuskie Island Resort & Breathe Spa
Somewhere Between Savannah & Hilton Head

Condolences

Gary Kirkland & Family
Harvey Kirkland
W. N. Kirkland, Inc. - Spartanburg
On The Loss Of Their Mother,
Floroy Haynes Kirkland
Russell Lamb & Family
On The Loss Of His Sister Frances

Happy Anniversary

Mr. & Mrs. Steve Brewer - 2/10
Mr. & Mrs. Furman Cullum - 2/14

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Tamassee DAR School - Tamassee, SC This school is participating and offering the CCP-CT program. In mid-December 2007, Tamassee sent one instructor to the NCCER ICTP (Instructor Certification Training Program) class. This instructor is now certified to teach all of the NCCER Core Curriculum. Tamassee has started class with six students and plans to add six students later in Spring 2008. The forecast is to graduate 12 students through the CCP-CT program by June 2008. In addition to funding the ICTP class, CCP-CT has purchased the education materials necessary to accomplish the curriculum.

J. Harley Bonds Career Center and SkillsUSA – Greer, SC The CCP-CT grant initiative will purchase \$1,000 of materials to build the plumbing platforms necessary for the SkillsUSA plumbing competition. The materials will support eight student competitors.

Daniel Morgan Career Center – Spartanburg, SC This school has an excellent electrical construction program, very similar to the CCP-CT program, but lacks necessary funds to provide students with OSHA 10 training and certification. CCP-CT has agreed to provide 15 students with OSHA 10 training and certificate completion in early Spring 2008. An additional 15 students will be scheduled to complete the training by June 2008.

Hanna-Westside Extension – Anderson, SC This school has an old house adjacent to their facility that the students are remodeling under the guidance of the carpentry instructor (a general contractor and home builder). Students from carpentry, electrical, plumbing and HVAC participate in the remodeling effort. We are working with Hanna-Westside extension to decide how the CCP-CT program can enhance this student focused project.

Fred P. Hamilton Career Center – Seneca, SC This school has seen the program by presentation and visits to the CCP web site. We are working with the Center to decide what parts of the CCP program they need and what assistance CCP-CT can provide.

Marketing Activities

A web site (www.ccp-sc.org) was created and activated in late August so interested individuals could find out more about the Career Cluster Partnership and its application to construction. There have been over 6500 “hits” on the site.

The Career Cluster Partnership grant was presented at the Mechanical Contractors Association of South Carolina (MCASC) Summer Conference. A joint (ABCC & MCASC) “Image” committee was established to work with and support efforts to improve the image of the industry. The goal of the “Image” committee is the same as the image goal of the CCP-CT grant team. The two groups will continue to work closely together to coordinate activities.

Press releases were sent to the major newspapers in Columbia, Greenville, Spartanburg, Charleston, Florence, Rock Hill, Anderson, Myrtle Beach, and Aiken for publication in the late summer of 2007. Although not every paper printed the release, many did in the various regions of South Carolina.

In September, four presentations about the CCP-CT grant project were made to 286 members of the MCASC: Piedmont, Midlands, Pee Dee, and Coastal chapters. The Piedmont presentation was at a joint meeting of the ABCC and the MCASC and drew 140 people from the upstate business, government, and educational sectors.

At Career Quest Spartanburg, several hundred 7-8th grade students and their parents visited the CCP-CT table to review material and ask questions about the CCP-CT program and construction careers. ABCC and MCASC members participated in this event.

In October, three members of the CCP-CT team attended a DOE Professional Development Conference at Summit Pointe in Spartanburg. The CCP-CT program was presented.

At the Glenforest School presentation in late November, four members of the MCASC local chapter presented specific information relative to career opportunities within their trade and pledged “whatever it takes” support to the Glenforest School CCP-CT program.

The Career Cluster Partnership grant initiative was presented at the December meeting of the Career Development Facilitators (CDF) from Spartanburg, Cherokee, and Union counties. This meeting generated much interest from the local

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educators and prompted our team to develop new relationships and sponsorships to enhance existing programs. Case in point, the Daniel Morgan center has a great electrical program using the NCCER CORE curriculum. However, they didn't have the funds to offer their students OSHA 10 training and certification. The CCP-CT will sponsor 30 students to take that certification training and receive their OSHA 10 cards.

Schools and Career Centers Visited

Hanna-Westside Extension

Glenforest School

Daniel Morgan Technology Center

R.D. Anderson Career Center

J. Harley Bonds Career Center

Tamassee DAR School

Fred P. Hamilton Career Center

Heywood Career Center

Student Certifications

Since the CCP-CT grant did not exist prior to July 2007, there were no students certified in the previous year. The forecast for June 2008 is to have 24 students complete the CCP-CT program and receive NCCER CORE certification. Additionally, the June 2008 forecast for OSHA 10 certifications is 50 students.

Testimonials

The Career and Technical Education (CATE) centers themselves are already making great strides with regards to the Construction Career Cluster and so only occasionally need assistance with areas such as funding for the OSHA 10 classes and SkillsUSA. However, the smaller, "non-mainstream" schools such as Glenforest School and Tamassee DAR School are often overlooked by large sweeping initiatives, and it is here that our particular Career Cluster Partnership will be fully implemented. We have already provided training for instructors from each of these schools and are in the process of gathering the necessary materials to be delivered as well as setting up and arranging for classroom instruction.

"On January 22, 2008, we start to realize a dream for our students at Glenforest! This is when we will start teaching the Core Curriculum, thanks to the training recently received by our teachers. This was made possible by the Career Cluster Partnership Grant awarded to the Mechanical Contractors Association of South Carolina and the Associated Builders and Contractors of the Carolinas. Glenforest is a school for students who learn differently. While they may struggle with some academics, our students often excel in anything 'hands-on.' This program will open new career choices for our students, as well as give them the chance to succeed and showcase their strengths. We are so grateful for this opportunity to begin a vocational program at Glenforest. It truly is a dream come true!" Gillian C. Barclay-Smith, Ph.D, Head of School, January, 2008.

Todd Taylor works at the Tamassee DAR School, which is a small orphanage essentially situated in an isolated and remote part of the state, and seems to be often overlooked by the business community. Tamassee students attend the Tamassee-Salem public high school. Now that Mr. Taylor has been certified to teach the NCCER CORE curriculum, his position with the school has been enhanced as will the short and long term influence upon the Tamassee students.

Planned Future Activities

- Sponsor construction summer camps for high school girls (Rosie's Girl or NAWIC's MAGIC)
- Visit Enoree Career Center
- Visit Generations Group Home
- Visit and continue developing contacts and programs in the Pee Dee and Coastal regions of South Carolina
- Participate in SkillsUSA
- Sponsor in class and online OSHA 10 and CPR training
- Investigate the home school organizations as possible participants
- Present at a 3 Day "Construction Career Days" in Charleston, SC, 11-13 March 2008
- Present the CCP-CT program at Glenforest School to the Rotary Club of West Columbia

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Financial Status Versus Grant and In-Kind Budgets

| | | | |
|--------------------------|------------------|-------------------------------|------------------|
| Grant Dollars Budget: | \$150,000.00 | In-Kind Contributions Budget: | \$105,000.00 |
| Actual Dollars Expended: | <u>27,289.75</u> | Actual Dollars Expended: | <u>38,590.41</u> |
| Balance Remaining: | \$122,710.25 | Balance Remaining: | \$ 66,409.59 |

Conclusion

One of the issues which was repeatedly expressed by those we came into contact with concerns the duration of this initiative. We have found that reactions range from skepticism to outright resistance to get involved with something that will not stay the course. As with both Glenforest School and Tamassee DAR School, and we project with others to be visited, smaller, "non-mainstream" schools would be overlooked in attracting youth to the Construction Trades. Becky Godbey from the Greenville Chamber of Commerce has put us in touch with similar "non-mainstream" schools who are also very interested in this program, one of which is a school for abused and abusive young men. Indeed, the long term, life long impact of this program in this situation will be tremendous. With the current and projected shortage of skilled workers in the trades, plus the "aging out" of the existing workforce, South Carolina can't afford to bypass any potential pool of students.

~ Employment Opportunity ~ Technical Sales Associate

Company: James M. Pleasants Company, Inc.
Columbia, SC
(803) 798-1415

Job Description:

The Technical Sales Associate shall have a working knowledge of HVAC and Plumbing systems and will be responsible for reading blueprints and job specifications, completing job equipment quotes and following up with contractors on territory bid jobs. The sales associate will select equipment for consulting engineers and provide design assistance as needed. In addition, the sales associate shall provide customer service in areas of order status, product application and general technical assistance. Basic computer skills shall include use of Microsoft Word and Excel.

This job will require the sales associate to be in the office 8-5 Monday thru Friday. The successful applicant shall be self motivated, often working in an unsupervised environment while providing assistance to customers and company outside sales personnel. Extensive time on the telephone and computer will be required.

Company Description:

James M. Pleasants Company is a manufacturer's representative in the commercial HVAC & Plumbing industry representing products mainly consisting of pumps, cooling towers, steam traps, boilers, water heaters, heat exchangers, flow control valves, and variable speed drives.

Company offers competitive salary, full medical benefits, retirement plan (ESOP) and vacation.

For more information on James M. Pleasants Company visit www.jmpco.com.

To apply for this position, fax resume to (803) 798-1323 or e-mail resume to jasonc@jmpco.com.

People are often unreasonable, illogical, & self-centered; Forgive them anyway.

If you are kind, people may accuse you of selfish, ulterior motives; Be kind anyway.

If you are successful, you will win some false friends and some true enemies; Succeed anyway.

If you are honest and frank, people may cheat you; Be honest and frank anyway.

What you spend years building, someone could destroy overnight; Build anyway.

If you find serenity and happiness, they may be jealous; Be happy anyway.

The good you do today, people will often forget tomorrow; Do good anyway.

Give the world the best you have, and it may never be enough; Give the world the best you've got anyway.

You see, in the final analysis, it is between you and God; It was never between you and them anyway.

This poem was written by Mother Teresa and is engraved on the wall of her home for children in Calcutta.

**Associate Member:
CRITICAL COMPONENTS, INC.**

Critical Components, Inc. (CCI) personnel are committed to excellence through professionalism, superior knowledge base and outstanding customer service. CCI represents carefully selected manufacturer's electrical and mechanical products that enhance power quality for business and industry.

CCI seeks to develop lasting relationships with our customers - mutually dependent relationships that become our strongest competitive advantage. We are granted, on average, more "face time" with engineers, project managers, distributors and end users. CCI uses that time to ensure that the "critical components" we represent reside in every possible customer application.

CCI strives to add value to projects through our many years of experience, superior knowledge base and uncompromising integrity. CCI's value as the single point of contact between our customers and the manufacturers is profound to both.

CCI's goal is to become the preferred power and mechanical quality equipment provider in our market areas. By representing superior power and mechanical products, providing the highest level of customer service, fostering long-term relationships with our customers and operating the business based on ethical principles, CCI will fulfill that goal.

Please contact Jim Hendricks South Carolina and Eastern Georgia Manager for additional information.

Visit us at: www.criticalcomponents.net

Main Office 770-933-5511

South Carolina Office 843-795-7406; Mobile 843-437-7758

**Congratulations to our next Associate & Mechanical Members who will be highlighted in the upcoming issue of "The Tool Box":
Brown & Brown Insurance, Charleston - Associate Member
Seastrunk Electric Company, Inc., Columbia - Mechanical Member**

FEBRUARY 2008 MONTHLY AREA MEETINGS

MIDLANDS AREA

Thursday, February 7, 2008 @ 6:00 PM

Location: 517 Spring Street, West Columbia

Sponsored By: Shealy & Sons Electric Company, Inc.

Topic: Performance Contracting

Speaker: Chris Begalki

Siemens

PIEDMONT AREA

Tuesday, February 12, 2008 @ 6:00 PM

Location: 575 Woodruff Road, Greenville

Sponsored By: Ferguson Enterprises, Inc.

Topic: Union Activities In The Carolinas

Dos and Don'ts

Speaker: John Creech, Esquire

Ogletree, Deakins, Nash, Smoak & Stewart, PC

PEE DEE AREA

Thursday, February 21, 2008 @ 6:30 PM

Location:

Sponsored By:

**CANCELED DUE TO
WINTER RETREAT**

COASTAL AREA

Thursday, February 28, 2008 @ 6:30 PM

Location: James Island Yacht Club

Event Sponsored By: United Rentals, Inc.

Bar Sponsored By: Sunbelt Rentals

COASTAL AREA OYSTER ROAST

Please Bring A Door Prize For The Raffle!!!



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*Serving mechanical contractors in
South Carolina since 1912.*

MCASC Executive Board & Staff

Henry Poplin, President
Chris Cullum, Vice-President
Richard Miller, Jr., Treasurer
Steve Brewer, Secretary
Bob Jacques, Associate President
Mona Flowers, Managing Director

Mechanicals make it happen -
Be part of the best!

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MCASC Vision Statement

The Mechanical Contractors Association of South Carolina (MCASC) will be the leading construction association in South Carolina for specialty contractors and suppliers in the electrical, mechanical (HVAC), and plumbing fields by serving its membership, the industry, and the Community in a vibrant and harmonious fashion.

MCASC Mission Statement

The Mechanical Contractors Association of South Carolina (MCASC) will provide its membership with:

- current business/technical information and support
 - a proactive political/legislative agenda
- a joint industry collaboration to improve relative business practices
- an ongoing effort to offer training opportunities for both professional and craft personnel
 - educational scholarships for deserving students
- the development of industry related career opportunities

The Association's objective for this mission is to enhance the future of the Construction Industry in South Carolina.