



Predictive Solutions™

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4th Quarter 2015
Newsletter
32nd Edition

2015: A Year That Set Records and Exceeded All Expectations

News Spotlight:

CMC will be attending EUEC 2016 in San Diego February 3-5

CMC will be hosting an international and domestic representatives meeting and will exhibit in Detroit, MI this May during CEMS EPRI

Check out our new website! www.cmcpems.com

CMC Solutions, L.L.C. concluded a record year in 2015, completing projects in Norway, Malaysia, Saudi Arabia, and UAE as well as putting PEMS online in Ohio, Michigan, Pennsylvania, California, and Illinois. Project activity both domestically and overseas remains robust with many new projects quoted every week and leads coming in on a daily basis.

CMC Solutions, L.L.C. has recently been certified to the ISO 9001 standard. Internal and external audits were conducted in the fourth quarter of 2015. The ISO program is now an integral part of CMC Solutions internal processes and brings improved quality management techniques and efficient documentation methods to our sales, project execution, product development, and support teams. We are expecting to improve customer satisfaction in 2016 while shortening our response time to calls for support.

CMC has integrated an advanced incident tracking system as part of last year's website upgrades. The new CMC Solutions' Help Desk is located at www.CMCPEMS.com to the right of the main menu bar. Please feel free to communicate through this portal and by all means if you have an issue with a CMC product or solution, use the Help Desk for the most efficient response in the industry.

CMC has added staff including a support technician, two junior project engineers, a senior engineer, quality assurance manager, and has upgraded the internal network and security systems in house. CMC Solution is rolling out an external SharePoint portal in the first quarter of 2016 to allow our customers to access status updates and pull or push data to CMC efficiently. We are really proud to announce our pending product releases including the much anticipated version 2.0 SmartCEMS PEMS Analyzer and its supporting toolset. Hang on, 2015 was great, but the year ahead promises to be even more exciting!

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WWW.CMCPEMS.COM

CMC Employee Spotlight

Jessica Palmer is a project engineer who has completed several PEMS in 2015 for CMC and contributed to last year's IAGT paper on a small gas turbine certification. Jessica works out of our headquarters building located in Farmington Hills, MI.

Jessica is originally from Nunavut, Canada. She attended Michigan State University, graduating in 2014 with a Bachelor of Science Degree in Biosystems Engineering. She joined the CMC team in March 2015.



JESSICA PALMER

Project Engineer

Follow Up: Industrial Application of Gas Turbines Symposium



IAGT 2015 SYMPOSIUM

www.iagtcommittee.com

Oct 19-21, 2015, Banff, Alberta

Certification of a Statistical Hybrid Predictive Emission Monitoring System in the U.S.A. and Development of a Small Gas Turbine Class Model

By
Andrea Zheng, Jessica Palmer, and Brian Swanson
CMC Solutions

**October , 2015
Banff, Alberta, Canada**

The 2015 IAGT Symposium was well attended. Delegates from over fifty companies and organizations attended the symposium, which was a great success. Hosted in the spacious Alhambra room of the Banff hotel and resort high in the Canadian Rockies, the event offered technical papers and covering gas turbine topics.

CMC Solutions prepared and presented a paper on the application of Predictive Emission Monitoring Systems for gas turbines. The paper was coauthored by CMC employees Jessica Palmer (see above), Andrea Zheng, and CMC President Brian Swanson who made the presentation.

The paper describes the certification process for a gas turbine combined cycle unit with heat recovery steam generator (HRSG) in the state of Ohio under 40 CFR Part 60. The paper details the methods and results of this certification and the potential to implement this model in similar type units. The IAGT paper, along with our many other academic publications can be found in its entirety on our website at <http://cmcpems.com/white-papers/>.

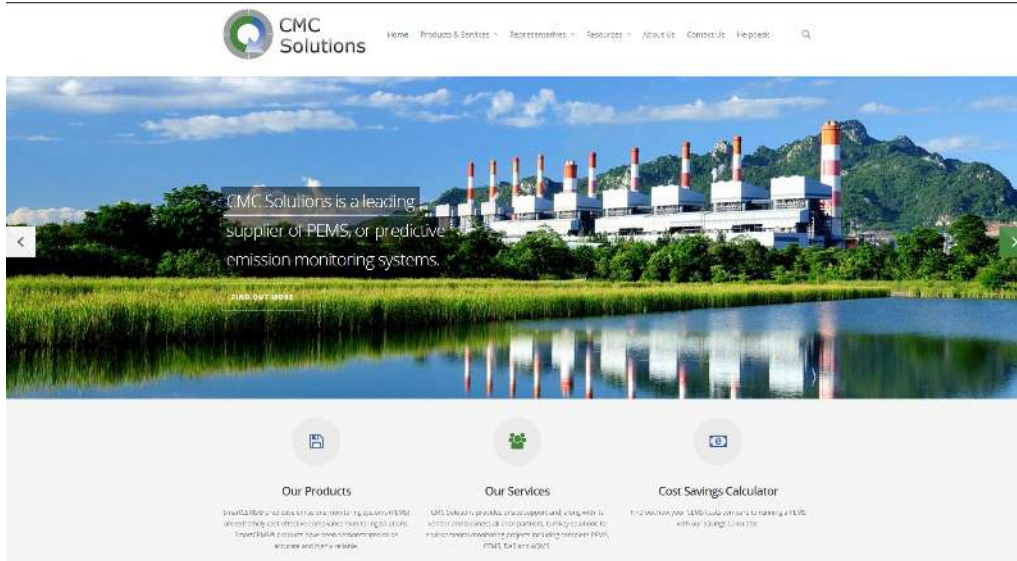
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CMC Announces New Changes

Recently, CMC Solutions moved its corporate headquarters to the adjacent building at 23550 Haggerty Road in Farmington Hills, Michigan. The new office is over 5000 square feet with mixed industrial and office space.



Earlier this year, CMC published a redesigned website. CMC contracted our neighbors, Softura Inc., to create the site based on the designs of the CMC Marketing team. The website is www.CMCPEMS.com and features an interactive map, access to all of our newly designed literature and cut sheets, easy to use request forms, password protected white page access, and a cost savings calculator. The **CMC Help Desk** is located on the website to provide an efficient portal for posting issues with CMC software.



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CMC Signs Up South American Representatives in Brazil and Chile

CMC Solutions is proud to announce that we have partnered with representatives in both Brazil and Chile to help expand our elite brand of PEMS into these swiftly developing markets.

Located in Rio de Janeiro, Brazil, ENGEZER is a leading provider of both products and technical services in the Brazilian environmental and gas analysis market. Your PEMS contact in Brazil will be Mr. Sergio Ferreira. ESINFA is located in Santiago, Chile. Their primary focus is on regulatory certification and monitoring. Mr. Luciano Montoya will be your PEMS representative in Chile.

CMC Solutions looks forward to our continued mutual growth and success with our new partners in South America. The contact information for both Sergio and Luciano can be found to the right, under "Sales Representatives."

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Representative Spotlight



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