

# NEWSLETTER



## CUSTOM-MADE DUCORIT® FOR STRUCTURAL CONNECTIONS IN TOWERS AND FOUNDATIONS

by Karina Hojgaard

Showing a willingness to move with the market and develop new products and solutions, ITW WindGroup is launching a new product series of Onshore Ducorit® material (DUCORIT® A2G, DUCORIT® R1G AND DUCORIT® R5G) to be used in the assembly process of concrete towers and the undercasting of tower flange connections. The Onshore Ducorit® products consist of high quality materials applicable and approved for onshore structural connections.



We work closely with our customers when developing new products and solutions and the development of our new onshore Ducorit® product series was initiated in response to market demands and to

satisfy customers' needs identified in an MFS introduced back in 2011.

*"Our experience and research of grouting onshore showed that we needed to develop a specific product series targeted for structural grouted connections in wind turbine foundations and concrete tower joints – says Niels Peter Andersen, Sales Manager for Onshore Foundations, "The new versatile Ducorit® grout can be installed in multiple applications, both for the grouting of the connection between the steel tower flange, and in pre-cast concrete element towers, in both vertical and horizontal joints".*

This newly developed product series is characterized by a consistent and high quality material which develops a significant early strength. This makes Ducorit® a strong structural component which meets international high design standards and provides grouting companies with a unique and strong solution throughout the grout-ing process on site.

The product launch is following the steps in the global commercialization process and we are *almost* ready for the full scale market launch.

During the last couple of months we have been communicating with designers and OEM's and trained subcontractors - and we have already received the first orders in a highly competitive market. Ducorit® R1G has been chosen for the undercasting of base tower flanges on a project in Germany where GES is installing 6 Gamesa wind turbines close to Hannover; and Ducorit® A2G is going to be used in the concrete tower assembly process – both vertical and horizontal joints – on a project of 10 onshore Acciona wind turbines in Poland installed by Acciona Energia.

## CUSTOMER SPOTLIGHT ON ENERGY TECH SYSTEMS

by Amy Pavill

(thanks to Bryan Vercoe for coordinating)

Energy Tech Systems is ITW Engineered Polymers' northeast U.S. industrial grout distributor. Energy Tech is one of the overall top-selling distributors for ITW Engineered Polymers. They are located close to the Montgomeryville plant, in Malvern, Pennsylvania. The company is owned by Scott Vercoe and Jim Brown, who also work in sales and provide technical support. Bryan Vercoe is the third member of the sales/technical team, with Joanne Impriano working as the inside office administrator. Matt Young is their ITW Sales Representative. Energy Tech Systems was established in 1992, over ten years after selling their first kit of Chockfast in 1980.



Energy Tech Systems is well-diversified in their sales approach. They are one of the biggest Chockfast distributors; they are the #1 user of Chockfast Red HF thanks to their quick adaptation to epoxy grout pumping. They have also become a big supporter of the Polyspec Industrial Coatings product line. Their main focus is in the Refinery and Chemical, and Pipeline industries, but about 30% of their business comes from various other industries, everything from rocket launching pads to wind turbines to satellite dishes.

Energy Tech credits their success to long working relationships, successful past projects, on-site technical support, and customer outreach. They also represent other manufacturers in the natural gas and oil industries. ITW Engineered Polymers thanks Energy Tech Systems for their wonderful representation and great support over the years!

## PROJECT SPOTLIGHT FROM ENERGY TECH SYSTEMS

by Scott Vercoe



The use of ITW/Engineered Polymers Chockfast HF pumpable epoxy grout continues to grow in the Marcellus and Utica Shale Gas Fields of Pennsylvania and Ohio. Area Chockfast distributor Energy Tech Systems has spent the last 5 years working with pipeline engineers and installation contractors in using Chockfast HF over the competitive pump grade grouts.

Recently MarkWest Midstream installed 4 large Caterpillar/Ariel natural gas compressor skid packages at their Welling Station in Western PA. The compressor skids, associated pipe support beams and numerous cooling fan support pedestals were all successfully pump grouted using both the Chockfast HF red and neutral colors.

The most difficult part of the project for the grout pumping contractor, North East Industrial Maintenance Services (NEIMS) of Clifford, PA., was grouting a total of 32 - 40' long pipe support beams that ran parallel to the skids on both sides. The beams were in very tight quarters due to the large OD pipe system they supported. Access under the beam to place grout via the old traditional bucket method was impossible. The NEIMS crew meticulously formed the entire perimeter of the 32 beams and pumped Chockfast Neutral HF under their entire lengths with no problem.

The Welling project required over 300 units (750 cu. ft.) of Chockfast HF to complete. Energy Tech hopes to continue their Chockfast program in these two large shale plays for the next few years.

## EMPLOYEE FOCUS



**Martin Larsen**  
Leading Supervisor - Aalborg

In December 2015 Martin can celebrate 10 years of service with ITW Aalborg.

*What are your main areas of responsibility:*  
As Leading Supervisor I am responsible for the processes in relation to the execution of grouting operations for wind turbines at sea, including training of personnel and Quality Control

*Now that you have been working with ITW for almost 10 years, what kind of job experiences would you highlight ?*

I am educated as bricklayer, and for that reason I have been working with cementitious products also before I came to ITW. I think that my background fits well into the tasks of the job as grouting supervisor.

The fact that I have participated in the building of more than 2000 wind turbine foundations during the time of employment makes me very proud of my job.

*What do you like most about your job ?*

I like the responsibility and the need to cooperate with team members at sea. It is a very special work environment, where you have to be creative and find solutions here and now, if something is not working.

At the same time I represent the company on board and I serve as the link between the project managers in the office back in Aalborg and the operations management on board the vessel or jack up-barge.

*What have been the most challenging tasks during your employment ?*

I have been working in many different countries, including the UK, Germany, Benelux, Ukraine, Russia, Angola and China. Angola was a special assignment, as it is a rather dangerous place to work. At the same time we faced also technical challenges in the running of the grouting equipment, among other things the high temperatures of the water.

It was also challenging working in China, because it included participation in testing of a new product in the project there.

*What do you do in your spare time ?*

In my spare time I like shooting clay pigeons and I also do some fitness training. Furthermore I like to travel to exotic countries for holidays.

## RETIREMENT



**Erik Jensen**

After 42 years of employment in the Aalborg facility of the company, Production Planner Erik Jensen has decided to retire by the end of August 2015.

During the time of employment Erik has worked with many different work tasks, including accounts payable, stock management, production planning and purchase of raw materials for the production of Densit products.

*We thank Erik for his dedication and commitment to the company and wish him all the best in future.*

## NEW EMPLOYEES:

A warm welcome to the following people who have joined ITW Engineered Polymers this year

*Aalborg:*

Carmen Batista – Product Engineer  
Mikkel Hoeffner – Production Planner

*Houston:*

Crystal Roberts – Packager  
Arthur Williams – Maintenance Technician  
Dannie Vickers – Chief Technical Service Representative

*Shannon:*

Laura Browne – Financial Accountant

## SERVICE AWARDS SO FAR THIS YEAR:

### 5 years

Phil Allen – R&D Chemist in Montgomeryville  
Tiffany Chan – Market Analyst in Montgomeryville  
Henrik Haslund – Offshore Supervisor in Aalborg

### 10 years

Carol Bowen - Quality Control Technician in Houston  
Zia Rizvi – Maintenance Manager in Houston

### 20 years

Erik Barkmeyer – Plant Manager in Kiel

*Congratulations to everyone*

## 20 YEAR'S ANNIVERSARY:

On 26 June 2015 Plant Manager Erik Barkmeyer of ITW Engineered Polymers, Kiel could celebrate his 20 year's anniversary with ITW.



On the day the whole Kiel team was present at the plant, along with Operations Manager, Division Brian Rainsford and HR Manager Tove Sørensen.

*We congratulate Erik and hope that he will be with ITW many years ahead.*