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Press-release

May 23rd, 2013
Ufa city,
Bashkortostan,
Russian Federation

NORCHEM™ innovations – the mission is possible

Zavod sintanolov LLC is successfully realizing the project of hyperplastifiers production for building industry.

A year ago at the 2nd International Forum "Bolshaya himia" Zavod sintanolov LLC / NORCHEM™ announced the beginning of the polycarboxylates realization project. The promising direction of usage of these polymers is the derivation of hyperplastifiers for concrete in building industry.

Until present time hyperplastifiers were introduced to the Russian and CIS markets as high priced imported analogs. The use limitation was the high price, that wasn't able to compensate the consumption efficiency of the additives. Thanks to the project realization, NORCHEM was able to introduce to the building industry market a new and modern product under the trade name CARBOXYNOR. The new product can compete with the imported analogs as well as with the traditional former generation concrete additives used in Russian Federation.

As part of implementation of the polycarboxylates realization project, NORCHEM has performed these actions step-by-step:

- In November 2012 the new oxyethylation plant was put in commission. The plant has an innovative high-performance reactor of new generation, which has no counterparts either in Russia or in the Western Europe. The new plant allowed to increase the assortment and the volumes of products and to reduce the costs of production. The capability of the plant allows to provide the polycarboxylates realization project with high-quality raw material.
- In December 2012 the successful pilot batch of polycarboxylate ethers was realized in cooperation with Russian partners.

- In January-March 2013 the examination of the product in industrial conditions was completed. Positive results were received, both from Russian and foreign partners. The first distribution of the new innovative CARBOXYNOR™-13 was made in Russia.
- In May 2013 NORCHEM began manufacturing industrial batches of CARBOXYNOR™.

Starting from April 2013 the engineering of a new plant for the manufacturing of polycarboxylate ethers on the Zavod sintanolov LLC production site in Dzerzhinsk city (Nizhny Novgorod region) has begun.

At the same time, NORCHEM specialists in cooperation with a number of Russian scientific and production organizations are engaged in research work, concerning the technologies of deriving polycarboxylate ethers of different types. Those ethers can be used in different branches of industry.

The realization of the present project is a bright example of the capabilities of national science and the national manufacturers of organizing the advanced processing of chemical raw material and production of in-demand import-substituting products of international standard.

Zavod sintanolov LLC is the leading Russian manufacturer of surfactants and polyethylene glycols (PEG) under the trade mark NORCHEM. The company was founded in 2003 on the basis of « Kaprolaktam JSC » sintanol production plant. Nowadays the company has two production sites in Russian Federation (Leningrad and Nizhny Novgorod region). NORCHEM is a dynamically developing company.

More information at www.norchem.ru

Marketing Department

Zavod sintanolov LLC / NORCHEM™

The statements in the present press-release are the future perspectives statements. They are based on the current beliefs and expectations of the company's top management. The statements about the future projects in the present press-release are not conclusive and may change. The company is non-committal about the revision of plans in the future, unless otherwise provided by the law.