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CEAMAG commissioned one new MUG drying system (**CEAMAG process**) at the ammonia plant №1-B (TEC) at **OAO «DneprAzot»**, Dneprodzerzhinsk, Ukraine.

Pre-commissioning and guarantee tests were successfully completed within four days in October 2010. As the results of the implementation the ammonia compressor 105-J and syngas compressor 103-J, vacuum condensers, BFW pumps were unloaded. The guarantee test demonstrated the energy savings of **0,107 Gcal/t NH₃ or 12 Nm³NG/t NH₃**.



This modernization proposed by **CEAMAG** for ammonia plants already are not something “new” as it used to be just several years ago. Now it should be considered as the one of the popular revamp, with a short pay-back time, which the companies normally plan to implement after the revamp of the ammonia converter and hydrogen recovery unit installation.

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In 2008 году MUG drying system of CEAMAG were implemented at Kemira Grow-How (Belgium), owned by YARA Group and in 2007 – at OAO «CHEREPOVETSKY «AZOT», Cherepovets, Russia (owned by ZAO «PhosAgro AG»).

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Two previous installation of **CEAMAG** MUG drying units were performed at the **ammonia plants No.1 and No. 2 of Odessa Port Plant** in 2004 and 2005 correspondingly.

As lately, seeing the proved success of this activity, other companies started to offer similar processes, we consider that it is necessary to point out at the main advantages of the cooperation with **CEAMAG** :

- **CEAMAG** possesses in-house know-how for high efficiency (> 99%) mixer pos. 402-L.

- **CEAMAG** possesses in-house know-how for the separator pos. 403-F with the separation rate of 99,9%.

- **CEAMAG** supplies all the equipment, piping and accessories only from the well-know Western manufacturers who shown themselves well during the similar previous projects.



- High level of engineering culture, documentation performance and project management.

- **Only CEAMAG has an experience of repeatedly implementation of this process in CIS countries, during a short-time planned shutdowns, keeping all the delivery times and performance guarantees according to the contracts.**

- Minimization of customer's technical and investments risks due to the all above mentioned.