

IOS-TEG – Natural gas drying technology of new generation

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ATEKO introduces a new generation natural gas drying technology “IOS-TEG” based on optimized & innovative TEG absorption process.

TEG absorption process is used to dehydrate natural gas to very low dew point by glycol absorption. It is widely used for underground gas storages, mainly on depleted gas fields.



The application of IOS-TEG technology is very efficient for debottlenecking and upgrade projects on existing underground gas storages. Such projects offer to gas operators to enhance their storage capabilities at low risk and short return of capital expenditures.

Innovative technology IOS-TEG of ATEKO was created by redesign and optimization project that was held by ATEKO and leading Czech technical universities in previous years. The redesign was focused on key components and on overall mass and energy balance. The most advanced structured packing for main absorption columns, glycol regenerators equipped with optimized heat transfer and very efficient separators are to be used in IOS-TEG technology.



Are you interested? ATEKO is ready to prepare for you the most convenient proposal according to your needs – from engineering services (like feasibility study and/or BDEP) through key component design and fabrication to EPC project. Please do not hesitate to contact us.

For further information about ATEKO references in the field of gas treatment technologies, please see http://www.ateko.cz/references/en_25.htm?lang=en.



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An example of process flow diagram

