

Practical Experience of high efficiency single Equipment using for Physical Refinery Process

Dipl. Ing. Jürgen Gabor, Lurgi Öl - Gas - Chemie

Frankfurt, Germany

Highest technological competence is one of the most important assets of Lurgi as a plant designer of modern Edible Oil Processing Plants. Offering its customers a wide range of technologies with tailor-made solutions resulting in significant competitive advantages for them.

Detailed specifications and technical demands defined by the clients are challenging tasks. Based on long-term experience and know how Lurgi is able to tailor suitable concepts to the specific conditions of its customers, especially in the field of Process Plants for Deacidification and Deodorizing of Edible Oil .

The upcoming lecture focuses on following aspects:

- How is Lurgi able to handle temperature control in the process, producing high quality oil, conserving important components, such as for example vitamins, but avoiding the generation of undesired components as for example Transfattyacids (TFA) ?
- How is it possible to handle Oils without interrupting a mild / continuous process ?
- How is it possible to separate and handle by-products and benefit from valuable components by further by-product treatment ?
- Which is the important theoretical basis relating to the optimized process ?
- Which specific and special equipment should be used to achieve best results ?
- What is Lurgi's know how/experience in process design to offer suitable solutions as required by clients ?