Lurgi GTP™

The solution for on-purpose propylene production from natural gas

Integrated Lurgi MegaMethanol™ and Lurgi MTP™
• optimized integration as one technology provider
• use of natural gas as the best distributed carbon feedstock
• focus on propylene as main light olefin
  – ethylene by-product allows for co-polymer production
  – valuable by-products
• maximized selectivity towards high value products (97% carbon yield)

Production of natural gas based propylene as feedstock for a large variety of chemicals (acrylic acid methyl methacrylate, propylene oxide, polypropylene etc.)
• lowest CAPEX, highest reliability and long term unit performance.
• strong research and development capacities
• best reference methanol technology and three MTP™ plants in commercial operation

Service overview
We can assist you to achieve on-purpose propylene production from natural gas, by assuming full responsibility for every step from research and project development to turnkey plant construction through to full-scale operation.

Our services comprise:
• consultancy
• research and development
• market studies
• pre-feasibility and feasibility studies
• product marketing
• engineering
• architectural design
• construction
• installation
• repair
• contracting services

Gas monetization through Lurgi GTP™ – gas-to-propylene process

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