



Technology Fact Sheet

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Paraxylene Technology

- Parties:** BP and Lummus Technology
- Process:** Paraxylene recovery and isomerization technology/catalyst supply
- Description:** This technology offers an integrated process for the production of paraxylene from a mixed xylenes stream by using an advanced crystallization process and by efficiently isomerizing the orthoxylene and metaxylene components present in the mixed xylenes streams to paraxylene which in turn is recovered as product.
- CB&I Advantage:** Lummus Technology is the exclusive worldwide licensor of the technology. BP is a major producer of paraxylene with three production facilities using the technology described above. The state-of-the-art innovations and efficiencies practiced in BP's production facilities are now available for licensing.
- Benefits:** The technology offers significant cost savings to paraxylene and downstream polyester producers. This technology is highly innovative and commercially well-proven. It can be easily applied for grassroots as well as paraxylene unit expansion opportunities.

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