Plant construction for glass production

From glazing glass to special glass, for engineering and pharmacy

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It's everywhere: glass is a part of our everyday life. The material's transformability means hardly any limits for the possibilities of use. And if one of the world's leading glass specialists like SCHOTT AG and the dynamic engineering partner EPC Group get together, customers all over the world profit from the combination of know-how of the two German companies. The result is a clearly structured economical and energy-efficient plant design with outstanding technological equipment.
German engineering and outstanding technologies
Maximum quality and shortest commissioning times of complete glass productions

The EPC Group is an internationally active engineering and plant construction company. The focal point of business activity is the planning and implementation of infrastructure projects and industrial plants. With highly qualified employees in various specialisations, the family-run company does look back to 140 years of engineering tradition.

The new generation of the Henkel family faces the future: it is the combination of experience and development that makes a series of innovations possible. EPC sets up turnkey plants all over the world, economically and ecologically fulfilling the latest technological status and bearing societal responsibility.

The EPC Group is a competent and capable partner in all phases of project implementation. We render the following services in time and within the budget:

- General contractor / general planner
- Planning services for main process and subsidiary systems
- Authority engineering
- Construction management (extended construction monitoring and quality assurance)
- Project management and project control
- Support in commissioning

SCHOTT is an international technology group with more than 125 years of experience in the fields of special glass, special materials and peak technologies. The main markets are the domestic appliance industry, solar energy, pharmacy, electronics, optics, transportation and architecture branches. The company has the clear claim of contributing to its customers' success with high-quality products and intelligent solutions and making SCHOTT an important integral part of each human being's life. The SCHOTT Group is represented with production and sales locations close to customers in 40 countries. 17,000 employees achieved a worldwide turnover of around 2.9 billion € in the 2010/2011 fiscal year.

SCHOTT AG with its headquarters in Mainz is an enterprise of the Carl Zeiss Foundation.

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SCHOTT MT is the international engineering service company of SCHOTT AG. Thanks to market-oriented and innovative service concepts, we secure our customers' viability. With more than 750 projects worldwide, SCHOTT MT is the competent partner in all questions of:

- Production optimisation and cost reduction
- Technology development and production methods
- Multi-project management

EPC AND SCHOTT - COOPERATION FOR MORE THAN 10 YEARS

SCHOTT and EPC cooperate for more than 10 years, so EPC is the competent and capable partner in all phases of project implementation. We set new standards and push innovative ideas. We render the following services in time and within the budget:

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- Planning services for main process and subsidiary systems
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ADVANTAGES

- Combination of production knowledge and project experience
- Potential analysis of production processes
- Use of modern technologies and innovative inspection methods for increasing performance and reducing costs

REFERENCES

NOWA float glass system
Overall planning - Float glass system NOWA, glass trough 8 of Schott Jenaer Glas GmbH, overall planning, performance phases 1 to 8, construction implementation in ongoing production of the subsequent trough 7. 2002 - 2006

Schott Jena silicon ingot factory
Concept study and location selection for production extension, approval procedure, engineering for infrastructure and supply devices as well as construction management. 2007 - 2009

Slurry management system
Planning, construction supervision and commissioning of a slurry management system in Korea for the solar industry. 2007 - 2009