

Stallingborough Plant

Laporte Road, Stallingborough
 Grimsby, North East Lincolnshire
 United Kingdom DN40 2PR

The Stallingborough Plant is one of eight manufacturing plants producing titanium dioxide (TiO₂) for Cristal, the world's second-largest producer of TiO₂. TiO₂ is a bright white powder made from titanium ore that has the ability to pigment virtually any material. It makes possible the opacity, brightness and durability in paint formulas that have made modern paints more cost efficient, easier to use and friendlier to the environment. TiO₂ also gives plastics and rubber opacity and whiteness. It is used in such diverse products as printing inks, paper, ceramics, glass, leather, synthetic fibres and colours formulated for art paints.

The Stallingborough Plant is located in North East Lincolnshire, on the east coast of England, seven miles from Grimsby on the south bank of the River Humber. The plant occupies a 160-hectare site. The Stallingborough plant produces TiO₂ through the chloride process which uses chlorine to react with titanium-bearing ores in a high-temperature process. TiO₂ is extracted in a rutile form, which allows greater purity and higher control over the size distribution of the pigment particles than other manufacturing processes. Stallingborough is the largest volume TiO₂ facility in Europe.

Performance Summary

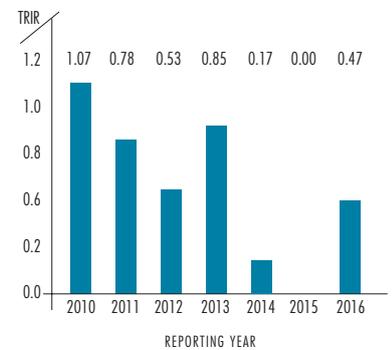
Stallingborough's commitment to sustainable growth balances the company's responsibility to provide economic value while respecting the social concerns of the community in which we operate and demonstrating care for the environment.

PROVIDING ECONOMIC VALUE

- We have around 370 high calibre professional, technical and craft employees that are involved in the development and manufacture of this technical product through a high specification plant
- The site has a long history of providing employment for local people since production began in 1953 and is proud of the long-serving employees who have helped to grow the business to its current level, with many of these employees working through from the apprenticeship and graduate schemes to craft, technical and professional status
- The site utilises a regular population of approximately 150 contractors across a range of services using local companies
- The site has an annual payroll and benefits of almost £17.5 million (US \$23 million)
- The site purchases more than £186 million (US \$239 million) of goods and services annually

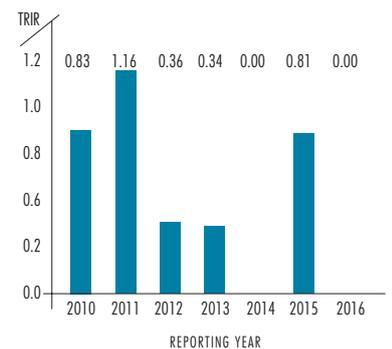


Employee-Total Recordable Incident Rate (TRIR)
 Rate of injuries per 100 employees



We continue to strive for an injury-free workplace.

Contractor-Total Recordable Incident Rate (TRIR)



Our contractors are held to high safety standards.

RESPECTING SOCIAL CONCERNS

We recognise that being a socially responsible member of the community requires maintaining an open door for community dialogue and actively working to support community needs.

- **Community Outreach** — We actively encourage community interest through the site's Community Team. The team is made up of a group of cross-functional employees who engage with schools, community groups and charities to offer support in local projects whilst promoting awareness of our operations. Cristal representatives meet regularly with our neighbours in key focus groups, participate in the Stallingborough Community Liaison Panel and engage with local councilors and MP's.
- **Education** — We are actively involved with local educational institutions, promoting and supporting initiatives in Science and Engineering. We are also engaged with an initiative called "Young Enterprise" which gives students in schools a taste of the excitement, challenges and risks of business through projects and programs. Specific support is provided to our local colleges and academies in their drive for Science and Engineering specialisms.
- **Volunteerism** — Employees volunteer in and support a range of community activities including Scouts, Air Training Corps, young people's sports teams and community groups. Many employees also serve as parent and community governors at local schools/colleges and hold local council posts. Employees also participate in volunteering their time towards particular local community projects.
- **Philanthropy** — The company makes regular contributions to many local charitable organisations, schools and institutions both directly and through employee sponsorship for fundraising events. Recent community projects include installation of new play equipment, restoration of local community buildings and sponsorship of the local air show.

CARING FOR THE ENVIRONMENT

Our commitment as a socially responsible company means that we operate our facilities in a manner that protects people and the environment and preserves our world for future generations. We are committed to continuous improvement in safety, security, environmental performance, reliability and open communication.

- **Prevention** — The site is a top tier COMAH installation and has a program in place to ensure the safe operation and maintenance of our processes so that accidental releases are prevented.
- **Environmental** — In recent years, £9 million has been invested in environmental protection and improvements at Stallingborough. The site has reduced emissions by around 40% since 2012. In accordance with our Environmental Management System (EMS), a series of objectives and targets have been set to reduce emissions from the site. These target areas also include reductions in energy, water usage as well as usage in utilities such as compressed air, nitrogen and steam.
- **Waste Minimisation and Reduction** — General waste to landfill has been reduced by 70% since 2011 due to the site's waste recycle program.
- **Energy Efficiency** — Electricity usage continues to be reduced by around 1% per tonne of TiO₂ each year.
- **Milestones** — The site continues to uphold all of the elements required for an environmental management system, accredited to ISO 14001 and received re-certification in 2013.
- **Awards** — In recent years the site has won several awards, for example:
 - In 2012 the Humber Industry Nature Conservation Award (INCA) for developing a new nature reserve in the local village of Healing, Northern Lincolnshire
 - In 2013 a Benefits Excellence Award
 - During 2013 and 2014 the site was shortlisted for several Chemical Industry Association (CIA) Awards

Cristal is one of the largest producers of titanium dioxide and a leading producer of titanium chemicals. Cristal is the world's leading supplier of ultrafine titanium dioxide products and titanium chemicals and is a fast-growing producer of mineral sands and titanium metal powder. Cristal operates eight manufacturing plants in seven countries on five continents and employs nearly 3,400 people worldwide.

Visit www.cristal.com for more information about the company and its products.

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