

**Expansion proceeds**  
**CATHAY INDUSTRIES completes its first**  
**construction phase of new plant in**  
**Tongling!**

CATHAY INDUSTRIES invests together with Tonghua Group in the new joint venture plant in Tongling, China, to be known as Rely Science & Technology Co. Ltd.

Image: CATHAY INDUSTRIES



**Tongling, 27 October 2014. CATHAY INDUSTRIES Group has started production in its new plant in Tongling, China. Since 2013 the global provider of synthetic iron oxide and chrome oxide pigments has been building its new manufacturing site with the objective of an expansion to 150,000 metric tons per annum. Using the most modern technology, the Hong Kong-based company will produce yellow, red and black iron oxide pigments in Tongling. Taking responsibility for the environment, the plant utilizes fully integrated waste stream recycling. CATHAY has invested in the joint venture plant with Tonghua Group as Rely Science & Technology Co., Ltd.**

Published by:  
CATHAY INDUSTRIES Asia Pacific Ltd.  
Suite 901A, 9/F  
Chinachem Golden Plaza  
77 Mody Road  
Tsimshatsui East, Kowloon, Hong Kong  
Phone: +852 27212257  
Fax: +852 27216614  
E-Mail: info@cathayindustriesAP.com  
www.cathaypigments.com

Contact:  
Sunny Kwok  
Phone: +852 27212257  
Fax: +852 27216614  
E-Mail:  
sunny\_kwok@cathayindustriesAP.com

Editors:  
presigno GmbH  
Unternehmenskommunikation  
Labor Phoenix  
Konrad-Adenauer-Allee 10  
44263 Dortmund  
Germany  
Phone: +49-231-532 62 52  
Fax: +49-231-532 62 53  
E-Mail: pr@presigno.de  
www.presigno.de

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# Press release



At a site of 200 hectares, CATHAY's operations in Tongling, Anhui Province, has production equipment located in over ten different buildings. From here the company provides the raw pigments, which receive their finishing treatment for various application areas in its plant in Yixing (Jiangsu Province). The finished pigments are used in the coloration of cement-based building products, coating systems, polymers, papers, cosmetics, pharmaceutical and other specialized applications. In the course of 2014, the initial construction phase for the pigment production and the manufacturing test phase have been completed successfully. The initial capacity of 60,000 metric tons per annum is on stream with immediate effect. Once fully completed, the Tongling plant will boost the total manufacturing capacity of CATHAY *INDUSTRIES* Group to over 200,000 metric tons yearly.



CATHAY has been building the new manufacturing site for iron oxide pigments with the objective of an expansion to 150,000 metric tons yearly.

Image: CATHAY *INDUSTRIES*

## **Pigment granulation**

CATHAY is currently erecting spray driers for the production of pigment granules at the same location. The capacity for these so-called micro-granules will initially be 20,000 metric tons per year and will be commissioned at the end of the year 2014. Further expansion will be realized after the year 2015.

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E-Mail: [info@cathayindustriesAP.com](mailto:info@cathayindustriesAP.com)  
[www.cathaypigments.com](http://www.cathaypigments.com)

Contact:  
Sunny Kwok  
Phone: +852 27212257  
Fax: +852 27216614  
E-Mail:  
[sunny\\_kwok@cathayindustriesAP.com](mailto:sunny_kwok@cathayindustriesAP.com)

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## Optimising energy use

As the factory will be running the Penniman Process, state-of-the-art production is ensured by implementing environmentally friendly operations including integrated waste recycling. This process optimizes the energy use and works with lower carbon emissions.

“The pigments we are going to produce in Tongling will be in line with the high product quality of *CATHAY INDUSTRIES* and at the same time reduce emissions to the environment to the lowest level ever seen in the history of iron oxide manufacturing in China. Both factors are decisive for the success of our future growth”, confirms Terence Yu, global CEO of *CATHAY INDUSTRIES* Group.



State-of-the-art production and environmentally friendly operations like this water treatment facility contribute to preserve the nature of Tongling region.

Image: *CATHAY INDUSTRIES*

In consideration of the ecological and economical strategy *CATHAY* cooperates with Tonghua Group. The chemical supplier of pyrite, sulphur ore, sulphuric acid, fertilizer, phthalic anhydride and titanium dioxide also contributes to the production of di-ammonium phosphate and of calcium.

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[www.cathaypigments.com](http://www.cathaypigments.com)

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Germany  
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## **Supplying High Quality Pigments**

CATHAY *INDUSTRIES* aims to supply firms across the globe with pigments of high quality. For this purpose the company is expanding by 100 percent the finishing capacities in its Yixing facility. This plant will convert the raw pigments from the new plant and make them available for the usage in demanding applications. Each of these projects contributes to the growth plans of the enterprise.



In the Yixing facility the pigments receive their finishing treatment for various application areas. To supply firms across the globe, CATHAY expands its capacities in Yixing by 100 percent.  
Image: CATHAY *INDUSTRIES*

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Terence Yu is global CEO of CATHAY *INDUSTRIES* Group.

Image: CATHAY *INDUSTRIES*

CATHAY *INDUSTRIES* is one of the world's leading manufacturers of synthetic iron oxide pigments. The business areas of the company include basic products for the construction industry, sophisticated qualities for the use in coatings systems as well as highest purity iron oxides for cosmetics applications. The portfolio is completed by a number of synergistic products. Established in 1979, the Hong Kong based CATHAY *INDUSTRIES* GROUP with production sites in the USA, China, Belgium and Australia has been dynamically growing. Now the group is employing 900 people throughout the world. The success of CATHAY *INDUSTRIES* is based on significant investments into latest production technologies. For further information visit [www.cathayindustries.com](http://www.cathayindustries.com)

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