

T.A.O. NEWSLETTER

Quarterly Company Newsletter



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Highlight

Understanding Compliance Standards (II)

T.A.O. Bangkok Corporation is concerned with safety of the products that we provide to our customers. As well as the importance of complying with environment protection and energy saving measures related to our products. In this newsletter, we have complied more compliance standards that regulate the control of the use of hazardous substances in the following industries, namely: Textiles & Footwear, Toys & Baby Products, Electrical appliances, and Building & Construction. Below is a summary of the following related standards:

Compliance Standards Part II

A-01

Adidas A-01
Adidas Group Policy for the Control and Monitoring of Hazardous Substances

To certify that the products shipped to adidas (adidas AG and its subsidiaries) or to manufacturers for adidas products will be free of hazardous substances according to the given requirements as listed in the Policy.

Related Industries
Textiles, Footwear, Sporting goods

Effects
To protect the environment that may arise from the risk of chemical hazards.

Our certified Products and Brands are

- Marabu Inks
- TampaSport TPSP
- TampaTex TPX

Reference

California Proposition 65 [CP65]

An extensive regulation to meet consumer safety, which affects all products sold or distributed in California. The proposition protects the state's drinking water sources from being contaminated with chemicals known to cause cancer, birth defects or other reproductive harm, and requires businesses to inform Californians about exposures to such chemicals.

Related Industries
Textiles, Toys, Juvenile products, Electrical/ Electronic items, Glasses

Effects
Companies are required to notify consumers with warning labels if the products they are selling or the environment they are in, contain chemicals known to cause cancer or birth defects.

Our certified Products and Brands

- Marabu Inks
- TampaTex TPX
- TampaSport TPSP
- Glass Ink GL

Reference

EN 71

EN71-3: Specification for migration on certain elements

European Standard EN71 specifies safety requirements for toys sold in the European Union. The standard has been published in 13 parts. The part that mostly required and related to our products is EN71-3: Specification for migration on certain elements. Migration limits for 19 heavy metals in toys materials as the followings.

Al	Sb	As	Ba	B	Cd	Cr (VI)
Cr (III)	Co	Cu	Pb	Mn	Hg	
Ni	Se	Sr	Sn	Sn-H	Zn	

Related Industries
Toys (Baby toys, soft toys)

Effects
Children's toys that do not follow the Directive will be removed from the market. The manufacturer will be prosecuted according to the law that may be imprisoned.

Our certified Products and Brands are

• Marabu Inks	• Jujo Inks
• Kiwo Adhesives	• Unaxol WB lacquers

Reference

Leadership in Energy and Environmental Design [LEED]

LEED, or Leadership in Energy and Environmental Design, is the most widely used green building rating system in the world. Available for virtually all building, community and home project types, LEED provides a framework to create healthy, highly efficient and cost-saving green buildings. LEED certification is a globally recognized symbol of sustainability achievement.

Related Industries
Built-in & Contractors

Effects

- Lower use of energy, water and other resources
- Healthier indoor space
- Enhance brand and establishes as a leader in green building
- Better for building occupants, the community and the environment

Our certified Products and Brands

- Unaxol Water-based Wood Lacquer

Reference

Our products that have been certified by these 4 compliance standards as mentioned above.

Product&Solutions

The way to success in Pad Printing for Textiles



T.A.O. Bangkok Corporation provides a total solution for Pad Printing on Textiles, which includes products, services and consultation in order to complete the customers' requirements. With approximately 10 years of experience in pad printing for textiles, T.A.O. Bangkok Corporation has been successfully serving customers in the undergarments, apparels, and footwear markets.

The future will be direct printing rather than traditional sewn-in labels, manufacturers are increasingly choosing to print brand names, size, and care instructions directly onto the inside of clothing.

Pad printing is a ideal method for this application as it is resource-efficient and minimize wastes.



Wearing comfort



Speed: Cycle time



Cost efficiency



Durability & flexibility



Lean Process



Environmentally Friendly

T.A.O. is an End to End Pad Printing Solutions



T.A.O. INSIDE

Environmental Management in the organization

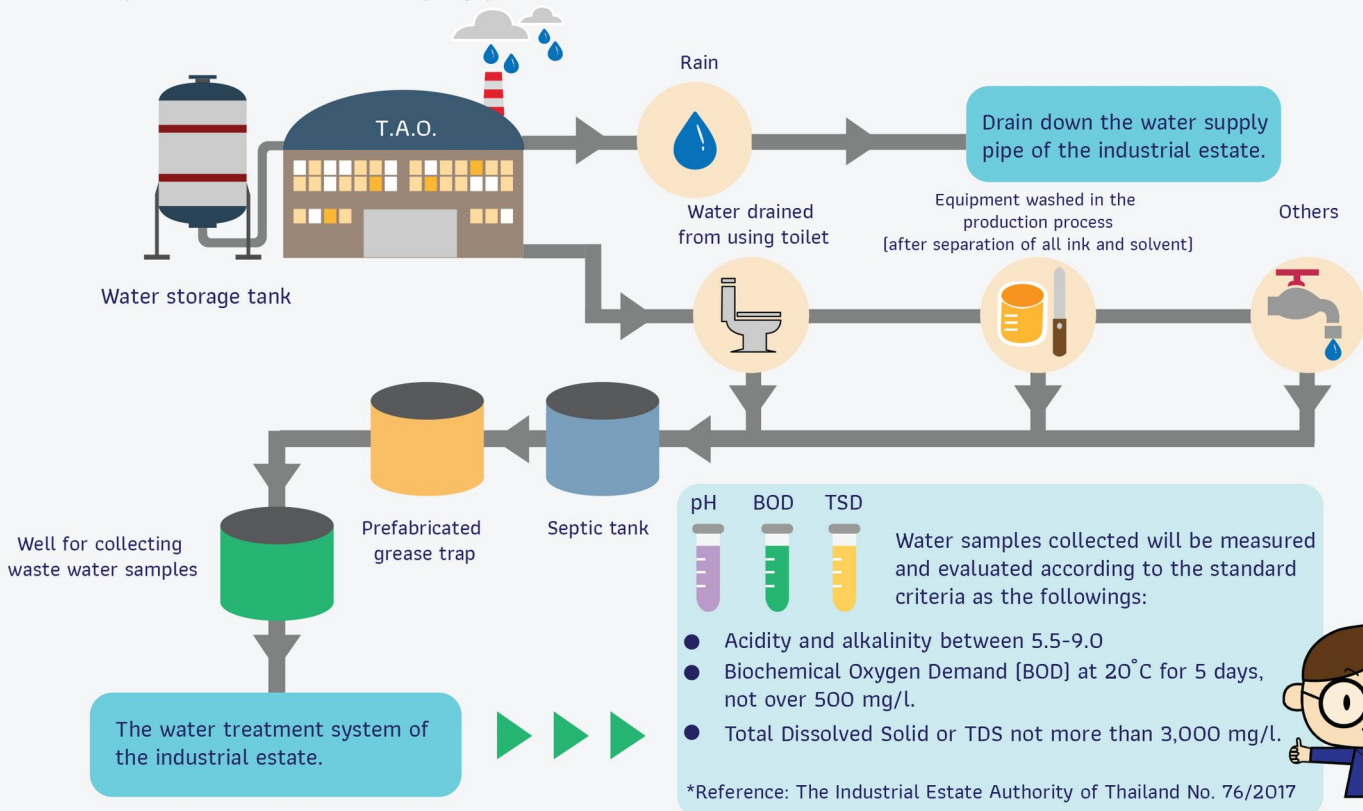
Chapter 2 Water Management

According to our vision, T.A.O. Bangkok Corporation is committed to run fair business practices with good governance towards both employees and external parties as well as all customers, suppliers, society in general and the environment. Aside from waste sorting and the hazardous waste management mentioned in the previous newsletter, for this issue we will talk about the water management before sending into the central treatment and released into the natural water sources.

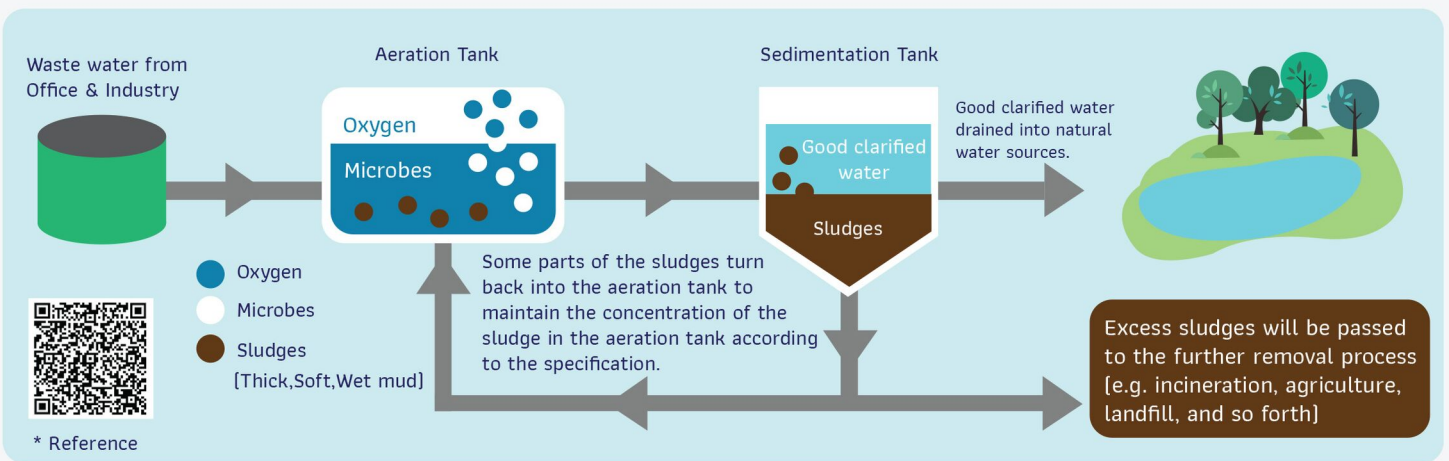


Water Management Process

The Company has inspected and monitored the waste water drainage system every month. The staff from Sinsakhon Industrial Estate will regularly come to collect water samples for examination according to their process. Thus far, the company passed the standard criteria.



Wastewater treatment system of Sinsakhon Industrial Estate is Activated Sludge, aka AS*, which is the biological process for treating wastewater by using oxygen and such living organisms as microbes for the decomposition, adsorption or transformation of various pollutants contained in waste water to get less dirtiness. The working basis of AS system is to mimic the natural ecosystem, as illustrated below:



T.A.O. News

Unaxol, one of the green products used in Magnolias Waterfront Residence project at Icon Siam



UNAXOL Low Volatile Organic Content [TVOC] Water-based Wood Lacquer was chosen as one of the products used in Magnolias Waterfront Residence Project at Icon Siam. UNAXOL was used to coat all wooden window and door frames in the ultra-luxury residential condominium building, next to the Chao Phraya River. There are 70 floors, consists of 379 luxury residences in the building.

Deco Enterprise Company Limited as the contractor, selected high quality products, which focused on safety for the residents as well as being environmentally friendly. In addition, the woods used were FSC certified which came from responsibly managed forests.

3C Training Training about 3C Applications by Marabu



T.A.O. Bangkok Corporation, as an official distributor of MARABU, the manufacturer of screen, pad, and digital printings from Germany, was honored to receive training about 3C Applications by Marabu.

The training was provided by Mrs. Alexandra Taulin [Managing Director], Ms. Rosarin Pitak [Sales Manager South East Asia], Mr. Gerry Zhou and Mr. Lyon Fan from Marabu Asia, China. The scope of training included 3C definition, product portfolio, applications and experience sharing of the ongoing projects.

The TAO team, included Sales, Product Management, and Product Testing attended 3C training on 24th July 2019 at Meeting Room III, T.A.O. Bangkok Corporation Ltd.

TAO Leadership Development Training



T.A.O. Bangkok Corporation held a “Leadership Development” training course for the management team and all employees in the organization. The participants were provided with tools and strategies to help work more effectively and efficiently and did workshops together. During the training information on thinking processes and positive communication techniques were provided to help increase cooperation and understanding; as well as reduce conflicts and misinterpretation. The concepts are also an important basis for harmonious living and can also be used by the participants in their personal lives.

We were honored to have Mr. Naris Maneekhao, as a lecturer. The trainings were separated into 3 groups. The first group was trained on 25-26 April 2019. The second on 2-3 May 2019 and the last group trained on 20-21 June 2019, so that all employees could all join.

T.A.O. Bangkok Corporation Ltd.
Your trusted partner.

Headquarter: Bangkok, Thailand
Vietnam Branch: Hanoi, Vietnam
Office Representative: Ho Chi Minh City, Vietnam

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Please advise for content topic or any comment, contact us ;



info@taobangkok.co.th



www.taobangkok.co.th

