

Company Profile: The Aureumaex Group

The Aureumaex Group was founded in 2012 from the merger of three established companies in the metals, plastics and medical device businesses. The metal division was founded in 1981, the plastics division in 1991 and the medical devices division in 1985. Today, the Group has factories in Malaysia, Indonesia, Singapore, China and Vietnam, and over 20 offices. Aureumaex has over 4,000 employees serving over 10,000 customers.

The Challenge

The environmental standards from multi-national manufacturing companies have proved to be a barrier for Aureumaex. For the company to obtain preferred vendor status for any multi-national customer, they need to ensure green manufacturing standards have been implemented in all factories.



The Sustainability Innovation Grant

In October 2016, the Aureumaex Group was awarded a \$120,547 CAD Sustainability Innovation Grant (SIG) from Global Affairs Canada and managed by Mennonite Economic Development Associates (MEDA), with Aureumaex contributing \$241,094 CAD. The grant contributed to raising environmental standards of the Vietnam and Singapore facilities as per international requirements.

Through research of MNC requirement and board approval, management implemented the following awareness workshops for employees and completed the following certifications:

1. **Energy Efficiency and Waste Reduction:** The company implemented awareness trainings with employees, educating how to be more conservative with paper, water and electricity.
2. **Declaration on Green Practices:** One key requirement for MNCs is that all supplier, need to be certified on green procurement. The Singapore facility certified 15 of their suppliers. The Vietnamese facility suppliers were previously certified.
3. **ISO 14001/9001 and OHSAS 18001 Certifications:** The Vietnam facility received the ISO 14001 and ISO 9001 certifications, training over 37 employees. The Singapore facility received the ISO 14001 and OHSAS 1800 certifications, training over 20 employees. The ISO 14001 is the international standard that specifies the requirements for an effective environmental management system, whereas the ISO 9001 provides guidance for companies who want their product to consistently meet customer's requirements. The OHSAS is an occupational health and safety assessment that assists companies in creating sound occupational health and safety management systems.



" We learnt a lot from the safety and environmental trainings. My team now tries to reduce waste and toxic materials and labels the chemicals. We put up signs to create awareness on safety procedures and ways you can reduce paper, water and electricity."
-Chong, Production Manager

SIG Impact

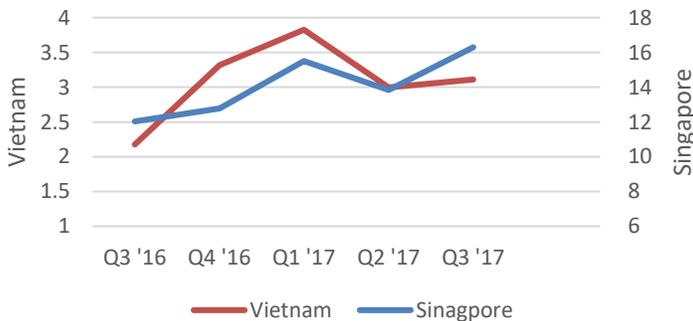
Increased Environmental Awareness

The energy efficiency and waste reduction workshops educated employees and enabled them to change their work styles to be more environmentally, safety and quality conscience. Both facilities saw this as one of the greatest impacts.

Increased Business Performance

Due to energy efficiency and waste reduction trainings the company has increased the quality of their products, increased energy efficiency and reduced water and paper consumption. The Vietnam facility has decreased the scrap rejects (by sales) from 5% to 1.4% quarterly. The Singapore facility has decreased the scrap rejects from .3% to .1% quarterly. The figure below demonstrates the increase in sales relative to electricity usage in both facilities, and both facilities collected water and paper usage data to implement conservation approaches. These benefits all positively affected Aureumaex's bottom line.

Average Monthly Electricity Consumption (Sales/Kwh)



Expanded Client Base

From the adoption of better environmental practices and certifications at the Singapore and Vietnam facilities, the Aureumaex Group has been able to attract new MNC clients. The Singapore facility is currently in discussions with a worldwide 3-D printer distributor to be on the preferred vendor list. The Vietnam facility already had Samsung as a client and is in discussions with three other distributors and manufacturers of plastics and electronics.

Sustainability

The Aureumaex Group wants to continue to be a green manufacturer. The group is planning to update their ESG* policy manuals for each facility and are looking for ways to source more environmental materials for inputs. This project has contributed to the Sustainable Development Goals of 'Responsible Consumption and Production' and 'Decent Work and Economic Growth.'

8 DECENT WORK AND ECONOMIC GROWTH



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



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