



## **PUYAT VINYL PRODUCTS, Inc.**

### **Replacement of 40 W with 36 W or 32 W Fluorescent Lamps**

#### **SUMMARY OF THE OPTION**

Puyat Vinyl Products Inc. (PVPI), one of the leading vinyl tile manufacturers in the Philippines located on the island of Luzon. The company produces 4,930 tons of vinyl tiles for flooring along with its accessories, including glue/adhesive and floor care/wax. A lighting system audit was conducted to identify areas for energy reduction without sacrificing the required lighting levels. Areas audited include the offices, production area, staff house and the surroundings of the plant. An inventory was made of all types of lamps used and lighting levels were measured. The audit found that the plant uses mostly 40 W fluorescent lamps, and replacing these lamps with either 36W lamps or 32W lamps with electronic ballast fixtures would result in annual savings of US\$ 294 and US\$ 1,321 respectively. At the time of writing of this case study, management was still considering this option.

#### **KEY WORDS**

Chemicals, Philippines, Lighting, Fluorescent Lamps

#### **FOR MORE INFORMATION**

##### ***GERIAP National Focal Point for the Philippines***

Dr. Alice B. Herrera, Officer-in-Charge, Fuels and Energy Division

Industrial Technology Development Institute

Gen. Santos Ave., Bicutan, Taguig City, Metro Manila Philippines 1631

Tel: +632 837 2071 ext 2190

Tel fax: +632 837 2071 ext 2204

E-mail: [aherrera@dost.gov.ph](mailto:aherrera@dost.gov.ph), [abherrera@pacific.net.ph](mailto:abherrera@pacific.net.ph)

##### ***GERIAP Company in the Philippines***

Mr. Daniel T. Dumaraos, VP/Assistant General Manager

Puyat Vinyl Products Incorporated

2F Enzo Bldg., 399 Gil Puyat Ave., Makati City

Metro Manila Philippines 1205

Tel: +632 897 3879, Tel fax: +632 897 6262

E-mail: [daniel\\_dumaraos@yahoo.com](mailto:daniel_dumaraos@yahoo.com)

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