

The World Leader in High Performance Signal Processing Solutions



Industry-DENR Partnership for Sustainable Development Forum

Analog Devices Gen. Trias Inc.
Sharing Our Environmental Practices
March 21, 2007



Outline

- ◆ Introduction
- ◆ Environmental Management System
- ◆ Prevention of Pollution
- ◆ Energy Conservation Programs
- ◆ Rewards System (Trinity)
- ◆ Community Programs
- ◆ Awards and Recognitions



Analog Devices Gen. Trias, Inc.



ISO14001 / OHSAS 18001 / TS 16949 certified

ENVIRONMENTAL MANAGEMENT SYSTEM & STANDARDS



Certificate No. 3
07/11

First certification

Partner

**Current certification given in July 2005
using the ISO 14001:2004 version
SONY is RoHS Compliant
October
2003
version
under NSAI**

conforms

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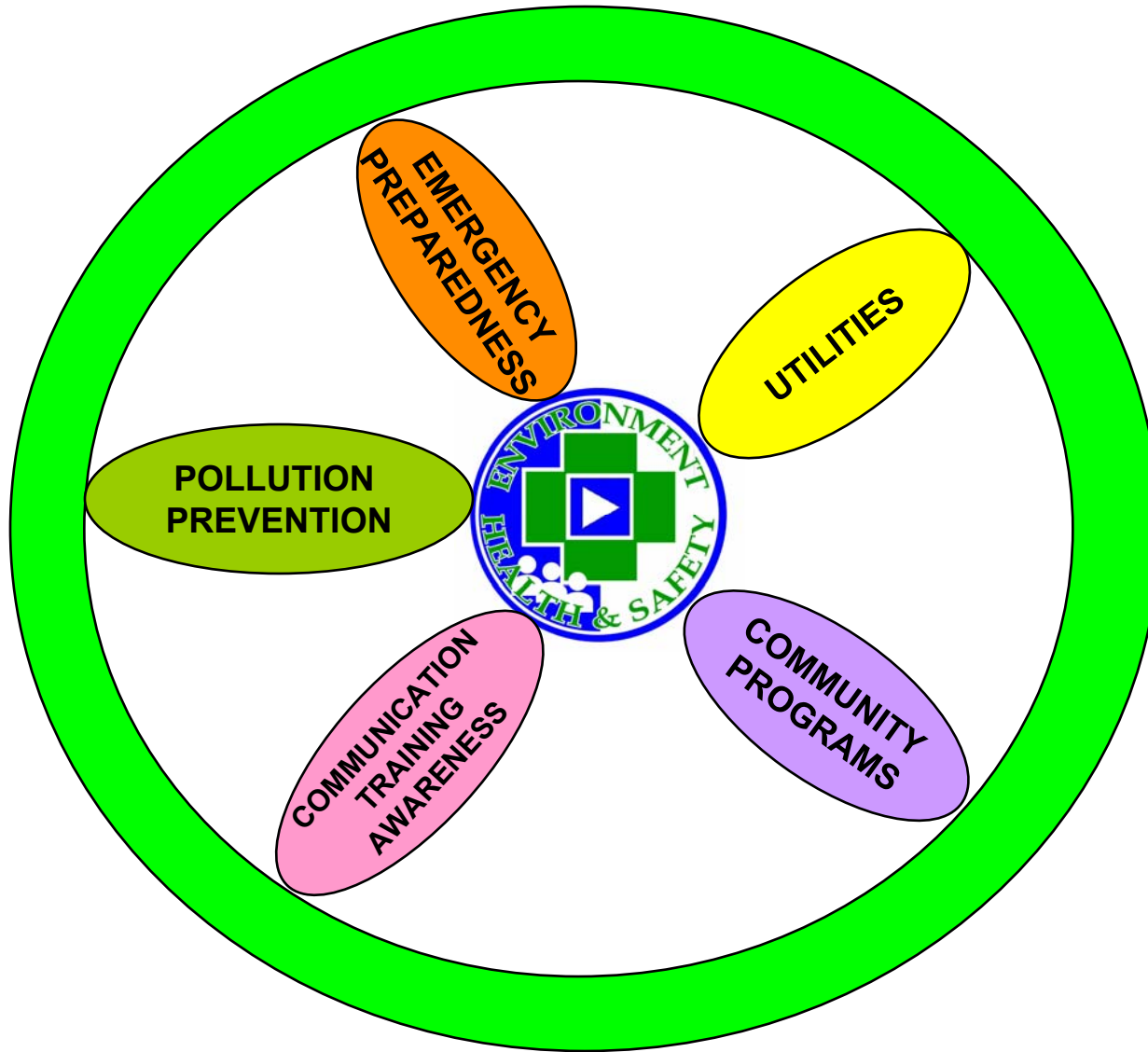
The test and packaging of integrated circuits



Christopher Miller

Registration Service Manager – Environmental Management System

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CONTINUOUS IMPROVEMENT



PREVENTION OF POLLUTION

6th Flr., DENR by the Bay Bldg., 1515 Roxas Blvd., Ermita, Manila
RD's Office 536-3095; Telefax No. 536-9784; Administrative Telefax No. 404-1610
EQ Division 525-0348/404-3974; EIA Division Telefax No. 522-8177

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Permit No. 2006-POA-0421-286

Date Issued: OCT 16 2006

DRIVERS:

• PHILIPPINES ENVIRONMENTAL LEGAL REQUIREMENTS

• INTERNATIONAL LEGAL REQUIREMENTS

(Ex: Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

“RoHS” is short for restriction on hazardous substances.)

• INTERNATIONAL ENVIRONMENTAL TREATIES

(Ex: KYOTO PROTOCOL TO THE UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE)

• CUSTOMER REQUIREMENTS

(Ex: Sony Green Partner / SS00259)

• CORPORATE REQUIREMENTS

CORPORATE REQUIREMENTS :

- 1. Annual reduction of hazardous wastes generated**
- 2. Volatile organic compounds not to exceed industry standards**
- 3. Annual reduction of global warming gases (CO₂, methane, CO, N₂O, NO_x, halocarbons, SF₆, etc.)**
- 4. Hazardous air pollutants not to exceed industry standards**
- 5. Annual reduction in NO_x and CO_x emissions**

ENERGY CONSERVATION

1. Re-tubing chiller condenser
2. Lighting reduction
illumination

**26 % reduction in
electricity consumption
from 2005 to 2006
(kwh/unit)**

4. Control
5. Elimination
6. ...

8. ...
9. ...

11. Reduction in motor speed to minimum at night time
12. Re-circulation of lighting
13. Chiller efficiency improvement program

without sacrificing

are to RH-

ing rooms
l-based
manage power

to 100K requirement
sacrificing illumination

CEHSEA TRINITY AWARD

CEHSEA is the highest Annual EHS Award bestowed to outstanding groups in recognition on their significant

- Emission and Discharge Reduction
- Consumption of Resources
- Product Toxicology and Stewardship

thru your Site EHS contacts

2. Submit group nomination to the contact person mentioned below. For Contractors, please include the name of your ADI Sponsor.

3. Nominations can be done through the following:

Self-Nomination,
Peer Nomination, and
Supervisor Nomination.

See your Site Contacts now

Thomas.Guillar@analog.com Ext: 7699

Donabel.Bardaje-Cabrera@analog.com Ext: 7448

Mario.Bejoc@analog.com Ext: 7729

Nominations are open to projects but not limited to the following

ENVIRONMENT

- Emission and Discharge Reduction
- Consumption of

HEALTH

- Case Management

SAFETY

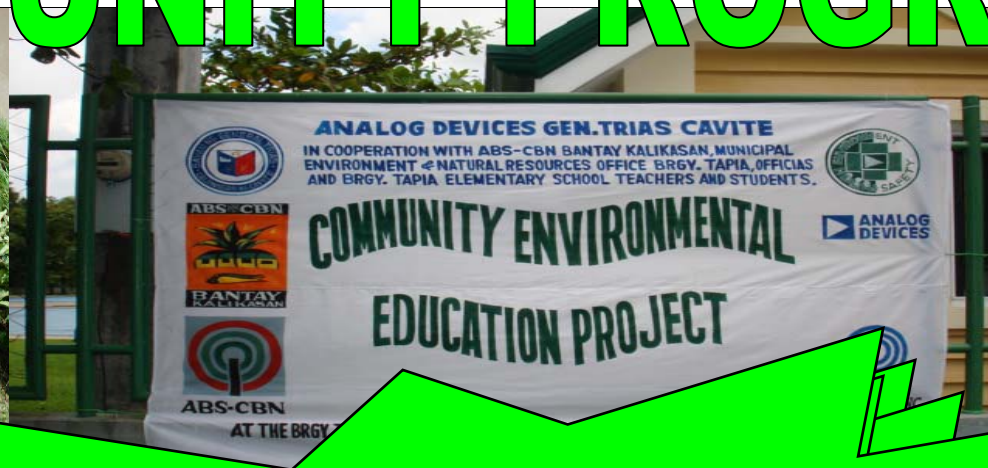
- Equipment Safety
- Behavioral Safety
- Risk Assessment and Reduction

EMERGENCY

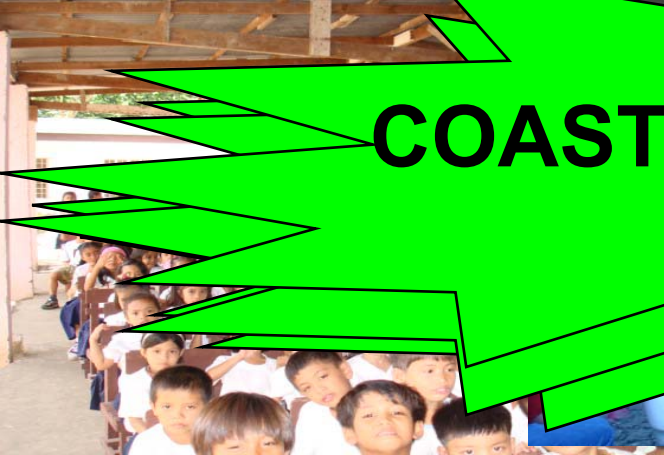
- Emergency Responses

CORPORATE EHS EXCELLENCE AWARD

COMMUNITY PROGRAMS



COASTAL/RIVER CLEAN-UP



Pollution Control Association of the Philippines (PCAPI) Awardee - 2006

SUCCESS STORY Award & Most Outstanding Pollution Control Officer Award





PHILIPPINES ENVIRONMENTAL LEGAL REQUIREMENTS :

(Air, water, hazwaste, solid waste, etc.)

- 1. Quarterly legal compliance review**
- 2. Quarterly visits to DENR, PEZA & other gov't agencies**
- 3. Updates from PCAPI**
- 4. Updates from AESSEP**
- 5. Periodic visit of websites, ex: <http://www.emb.gov.ph>**





Maraming salamat!

PRESENTED BY:

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