

## ISO 14001 FAQ's

### 1. What is the ISO standard or series of standards that refer to environmental issues?

ISO 14000 or specifically ISO 14001.

### 2. What is ISO 14001?

It is the standard covering **Environmental Management**. This standard is intended to provide the elements of an effective EMS which can be integrated with manufacturing operational requirements and provide assistance in achieving environmental and economic goals.

### 3. What does EMS mean?

**E**nvironmental **M**anagement **S**ystem - it is the acronym used in the ISO standard to define how the business unit integrates environmental issues into operations to optimize environmental performance.

### 4. Who is your ISO 14001 Management Rep?

Steve Browne, Facilities Manager, Plant Services Department.

### 5. Why has Intersil implemented an EMS in alignment with ISO 14001?

- Improve performance: operational efficiency can be closely linked to environmental performance
- Demonstrate good Environmental Management to customers, investors, employees, and the public
- Increase marketability of products

### 6. Each manufacturing area has an Environmental Management System (EMS) specification that provides guidance for maintaining a system that minimizes the risk for environmental impacts.

### 7. Did you know . . . . The ISO 14001 team has conducted an aspects analysis to determine the site's **significant environmental impacts**. Intersil is addressing the following significant environmental aspects and their impacts for **FY11**.

- Reduce energy consumption.
- Reduce nitrogen usage and compressed dry air usage.
- Reduce chemical and water usage.
- Sample deep well injection monitoring zone.

These environmental improvement projects are excellent examples of how environmental improvements can lead to improved operating efficiencies.

### 8. The following are the past 3 years results of our resource reduction efforts

- **Energy Reduction**

2008 – Reduced electrical consumption by 5,457,952 KWH = 3,497 tons of GHG reduced

2009 – Reduced electrical consumption by 9,860,671 KWH = 6,316 tons of GHG reduced

2010 – Reduced electrical consumption by 3,688,593 KWH = 2,363 tons of GHG reduced

- **City/Well Water Use Reduction**

2008 – Reduced overall combined water consumption by 34,000,000 gallons

2009 – Reduced overall combined water consumption by 47,000,000 gallons

2010 – Reduced overall combined water consumption by 2,000,000 gallons

- **Nitrogen (N2) Reduction**

2008 – Reduced overall N2 consumption by 3,000 SCFH

2009 – Reduced overall N2 consumption by 2,000 SCFH

2010 – Reduced overall N2 consumption by 1,000 SCFH

- **Compressed Dry Air (CDA)**

2008 – Reduced over all CDA consumption by 200 SCFH

2009 – Reduced overall CDA consumption by 300 SCFH

2010 – Reduced overall CDA consumption by 300 SCFH

- **Gallons of recycled water used**

2008 – 58 million gallons used

2009 – 50 million gallons used

2010 – 47 million gallons used

- **FDEP compliance reporting**

2010 – Successfully completed Mechanical Integrity Testing on both deep wells

9. **What does Intersil expect of employees regarding implementation of ISO 14001?**

- Know that Intersil has an environmental policy and understand the 3 policy statements

Remember . . . . **I**mprove Continually, **P**revent Pollution, and **O**bey the Law.

- Conduct your job with awareness of adhering to environmental procedures - the manufacturing areas that have the potential to create an environmental impact have area specific EMS specifications that provide guidance on how your job is integrated into the EMS. Understand how your job may have an impact on the environment!
- Know your ISO 14001 management representative Steve Browne.