




GREENSK

Environmental Newsletter March 2009




ISO 14001 Site Update

Our production sites are all ISO 14001 certified by an outside agency –


Recertified in FY 2008:

-  Clarinda Bearing
-  Franklin Hub
-  NSSA-Bennington

Recertification audits scheduled for FY 2009

-  NSK-AKS
-  NPA.
-  Liberty

First Certifications

-  NSSA-Dyersburg received their ISO 14001:2004 certification in early in 2009. Congratulations



If you would like to view the certificates for each site or need to send them to a customer – they are located on the intranet on the Environmental Web Page [ISO 14001 Certificates](#)

ISO 14001 at AHQ . . . We will be re-establishing our Environmental Cross Functional Team to include:

Darcy Cooper – Quality (adjunct team member); Dawn Tomaszyczyk – BTC; Jeremy Hazel – NSSA AHQ Quality; K.C. Geary – HR and Lean Liaison; Kathy DeLa'o – Materials (adjunct team member); Ken Zimmer – NSSA AHQ Quality; Marty Osborne – Engineering; Nathaniel Nieman – IT; Peggy Markey – IBT; Terry Baker – Materials; Marcia Fournier – Environmental Management Representative

AHQ ISO 14001 CFT past activities and successes

- ◆ Recycling of paper, cardboard, type 1 and type 2 plastic, glass, metals, toner cartridges and clean Styrofoam
- ◆ Reduced the number of waste cans for paper and general trash at desks – this resulted in a decrease of plastic liners used and more efficient use of cleaning services time
- ◆ Decreased the amount of lighting in the offices and installed sensor lighting in bathrooms and Town Halls
- ◆ Calculated the amount of sulfuric acid on site for UPS (uninterruptible power sources) and lift trucks batteries. If you or your department purchase or lease any additional UPSs or batteries, please advise Terry Baker, Nathan Nieman or Marcia Fournier. We are not yet at the required amount for reporting requirements, but we are obligated to track this chemical.
- ◆ ISO 14001 and Environmental awareness training was conducted in 2008 for AHQ



Environmental Education Activities

NSSA at AHQ, Bennington and Dyersburg participated in person and via teleconference in a 32 hour training seminar specific to ISO 14001 and Environmental requirements. Subjects covered included Environmental Regulation training, customer requirements, Understanding Material Safety Data Sheet content and management. We also trained on the Environmental Management System – ISO 14001:2004 requirements.

Manufacturing Site, Sales, Procurement and Engineer Training for NSK Corporation was conducted in early 2009 to communicate new Environmental Regulations which have been put into place within the European Union. The requirements are placed on NSK Corporation by our customer base that provides product into the European Union – REACH requirements.

REACH is an acronym for Registration, Evaluation, Authorization and Restriction of Chemical substances. This is a legal requirement within the European Union (EU). The EU is a group of countries that participate in a coalition of European countries that work together to provide a common currency and various regulations. The environmental regulations that impact NSK are the chemical requirements for product entering the borders of the EU.



What is REACH??? Why is it important to NSK?

REACH is an acronym for Registration, Evaluation, Authorization and Restriction of Chemical substances. This is a legal requirement within the European Union (EU). The EU is a group of countries that participate in a coalition of European countries that work together to provide a common currency and various regulations. The environmental regulations that impact NSK are the chemical requirements for product entering the borders of the EU.

Many of NSK's customers supply product worldwide. The chemicals that they bring into the EU need to be reviewed to determine whether they need special attention and accounting as they enter the EU. Although NSK does not supply directly to EU, we need to comply with our customer's environmental requirements and requests for information. For more details, please see: [REACH information available on the internet \(EC 1907/2006\)](#).



NSK Ltd and Environmental Management:

Annually, NSK Ltd requests specific environmental information from all manufacturing sites

globally. It is called the CSR Report -Corporate Social Responsibility report. The purpose of the CSR Report is to help NSK Group's employees understand what CSR is and what we have done to support the community.

Another goal is to let people outside NSK Group to know and understand our initiatives toward sustainability and accountability. In Japan, all employees of NSK Group, customers, suppliers, job applicants, shareholders, investors, people who request the report, and people who come to the exhibits receive a copy of the report. Outside of Japan, some employees of NSK Group, customers and people who visit our exhibits. This year, we are going to print 20,000 copies in Japanese and 4,000 copies in English. The Japanese version will be released in July, and English version in September.













The report is used in Japan to educate our employees. Also people, especially our customers, request the report to understand our level toward CSR activities. And people who rate NSK's activities for SRI index (Socially Responsible Investment) read it.

We try to make the report easier to read and understand. We will highlight the Steering Division in our special article. This is going to be fun pages to read.

You have a Role in Environmental Excellence All NSK Americas sites have a strong focus on environmental excellence; both from a business as well as a social perspective. All NSK America's production sites are certified to ISO 14001:2004 – an international environmental management system. NSK Ltd. has been nominated as one of the world most environmentally sustainable companies' world wide ([NSK Ltd article](#)).

Helping your work site work



-  Know your Environmental Management Representative
-  Job activities and responsibilities have changes throughout NSK Americas- with that change environmental considerations must not be lost – ask for more detail about the environmental impact of your job's functions
-  Learn who the ISO 14001 Cross Functional Team members are at your site
-  Understand NSK's Environmental Policy
-  Ask how your job activates impact the environment
-  Know what to do in the event of an emergency chemical spill to the outside
-  Understand your site's environmental aspects and impacts (An "aspect" is the potential "cause" in "cause and effect" – what may "cause" an environmental problem)
-  Offer ideas on being more environmentally friendly with your job or site activities
-  When you use the printer – print double sided and in black ink whenever possible
-  Read your Environmental Bulletin Board

Please comment or provide ideas for future environmental newsletters . . .

NSK Environmental has a new email address – environmental@nsk-corp.com

Your comments and feedback are welcome! **NSK** Corporation Environmental

GREENSK

Environmental Newsletter March 2009

Environmental News around NSK Americas

ISO 14001 Education Corner In an effort to help team members throughout NSK Americas understand the principles of ISO 14001:2004 we will be featuring an education section about the standard in each newsletter.

ISO 14001 is an international environmental management standard. It is a tool we use to provide a structure to the management of environmental requirements and provide improvement in the reduction of environmental impacts. Conformance to the ISO 14001 standard does not assure that a site is in compliance with environmental regulations. The standard contains 61 "shall" requiring all to be met. We are audited to the standard by an external auditing firm that provides us our registration. Throughout the year, auditing activities take place to assure we are conforming to the standard and ready for our external audits. The methodology for ISO 14001 is based on the Plan-Do-Check-Act philosophy.

In the Planning Stage:

- The Cross Functional Team (CFT) identifies aspects defining those which are significant
- The CFT establishes targets and objectives and plans with plans to achieve the targets set through monitoring activities
- The CFT reviews legal and other requirements that are relevant to the site This is the area of the standard that requires NSK to manage customer requirements and European Directives such as REACH, as well as, assure US regulatory compliance
- The last element of the Planning Stage is developing objectives and targets. These are established by reviewing what the greatest concerns specific to a site. The CFT then determines how they will determine an objective (scoring system). After the objective is determined, the team estimates the anticipated completion date

Earth Day – April 22, 2009 Earth Day celebrations are happening - where? Everywhere -



where? Everywhere - this link will help you and your family find a way to celebrate . . . [.Earth Day 2009 - EnviroLink Resource Guide](#)

At AHQ we will have an informational board posted in the Commons area. There will be literature available for you to read or take home.

Jeans may be worn on Earth Day at AHQ— as long as you wear something green!!! And, since you will be in jeans, you are welcome to help clean up the grounds from the long winter. Latex gloves and waste bags will be made available in the commons area. You are welcome to go outside for 15 minutes to pick up the papers on the grounds to help prepare for the coming much anticipated wonderful weather!!!



AHQ's Environmental Group has been working with Procurement from NSK Corporation and NNSA to develop a more comprehensive Supplier Environmental Manual. Currently, the manual which our Supplier uses has Environmental requirements referenced. This revision will provide the detail that our Supply base will need to understand NSK America's commitment to the environment and what information and data we require from our suppliers.



NSK Americas Site Environmental Management Representatives: Clarinda Ball – Rod Dinville; Clarinda Bearing – Leon Regehr; Franklin Hub – Kevin Dodds; Liberty – Jim Moffett; NPA – Scott Havener; NNSA-Bennington – Pete Johnston; NNSA-Dyersburg – Arlene Brown



Clarinda Campus has successfully obtained a new air permit package. The permits were obtained by replacing two process chemicals with more environmentally friendly product. With success of the replacement, the Clarinda Campus will be able to use less chemical in the manufacturing and assembly processes. This will also allow for a more economical ventilation system.



NNSA – Dyersburg – Our newest site has just received their ISO 14001 certification. Located in the western part of Tennessee, the Dyersburg plant was built in August 2007. Production of steering columns began January 2008. Recycling programs include: paper, cardboard, wooden pallets, metals, plastic and universal waste



[How to Compost.org](http://HowtoCompost.org)

The Benefits of Composting

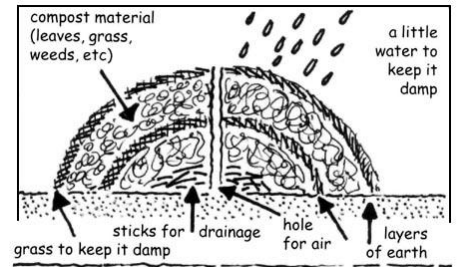
Compost benefits the soil where it is used by improving drainage and moisture absorption, especially in soils that are otherwise poor quality. This makes growing in various types of soils easier and more productive. Compost also benefits the plant matter grown in the soil by providing nutrients to the plant's growing area. Compost does not make an effective fertilizer for vegetable and ornamental plants, but it helps reduce runoff, making the use of fertilizer more productive and keeping it out of the water.

Environmentally, the use of compost has been shown to remediate, or clean up, contaminated soils by reducing toxic runoffs, binding certain toxins that might otherwise escape, and it prevents erosion when used near roadways, lakes, rivers, and streams. In addition to the biological, chemical, and environmental benefits of compost, the use of compost creates economic benefits. Using compost reduces the amount of fertilizer, water, and pesticides needed to produce

healthy plants, and it is cheaper than artificial soils.

What to Compost – The IN List

- ❖ Animal (cow or horse) manure
- ❖ Cardboard rolls
- ❖ Clean paper
- ❖ Coffee grounds and filters
- ❖ Cotton rags
- ❖ Dryer and vacuum cleaner lint
- ❖ Eggshells
- ❖ Fireplace ashes
- ❖ Fruits and vegetables
- ❖ Grass clippings
- ❖ Hair and fur
- ❖ Hay and straw
- ❖ Houseplants
- ❖ Leaves
- ❖ Nut shells
- ❖ Sawdust
- ❖ Shredded newspaper
- ❖ Tea bags
- ❖ Wood chips
- ❖ Wool rags
- ❖ Yard trimmings



NSK Corporation Environmental Policy

It is the policy of the NSK Corporation to conduct our operations in a manner which prevents pollution and protects the environments in which the company interacts.

This policy recognizes not only compliance to established national, state and local regulations and any other agreements we make, but also a commitment to continual improvement in our interactions with the environment in measurable ways.

We will set and review environmental objectives and targets on an annual or as needed basis.

We will communicate our policy to people working for or on behalf of NSK Corporation and to other interested parties.



Symbol for Environmental Awareness