

# RCS Register

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## Hazardous Materials Regulations Amended to Align with International Standards

RSPA is amending the Hazardous Materials Regulations (HMR) to maintain alignment with international standards. Various amendments including changes to proper shipping names, hazard classes, packing groups, special provisions, packaging authorizations, air transport quantity limitations and vessel stowage requirements are being amended.

Amendments to the HMR in this final rule include, but are not limited to the following:

- Amendments to the Hazardous Materials Table (HMT) which add, revise or remove certain proper shipping names, hazard classes, packing groups, special provisions, packaging authorizations, bulk packaging requirements, passenger and cargo aircraft maximum quantity limitations and vessel stowage provisions.
- Amendments to the List of Marine Pollutants.

- Revisions and additions of special provisions.
- Removal of the air eligibility marking requirement.
- Addition of a "KEEP AWAY FROM HEAT" marking requirement for packages offered for transportation by air.
- Amendment to require that aerosols that are carried aboard an aircraft in accordance with §175.10 (a)(4) have their release devices protected by a cap or other suitable means.
- A grandfather provision to allow the shipment of materials classified as corrosive to steel or aluminum under ASTM G 31-72.
- A provision to require that the word "overpack" be marked on over packs to indicate that inside packages comply with prescribed specifications.

*Haz Mat amendments continued on page 2*

## OSHA Offers Tips to Protect Workers in Cold Environments

With the cold weather season upon us, OSHA reminds employers to take the necessary precautions to protect employees from the elements. Workers in construction, commercial fishing, maritime and agriculture are among those who need to take additional precautionary measures to prevent cold weather related health problems.

Prolonged exposure to cold temperatures may cause serious health problems to employees. Some of these health problems include trench foot, frostbite and hypothermia. Extreme cases of hypothermia can even lead to death. Employers should be aware of danger signs including but not limited to, uncontrolled shivering, slurred speech, clumsy movements, fatigue and confused behavior. If an employer or coworker observes these signs the affected employee should seek medical attention as soon as possible.

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- An amendment to the criteria for classification of materials that are corrosive to metals.
- Revision of the limited quantity provisions for Class 6.1, PG II materials and for materials with a subsidiary hazard of 6.1, PG II.
- Amendments to the packaging requirements for materials classified as Division 6.1, Packing Group I, Hazard Zone A or Hazard Zone B.
- Revision of the organic peroxide packaging requirements in order to have one consolidated packaging section for organic peroxides. The revised section will include three (3) separate tables for organic peroxides authorized for transport in non-bulk packagings, IBCs, and bulk packagings other than IBCs, respectively. Additionally, the packaging tables will be updated through the amendments to the organic peroxide requirements that will add, revise, or delete certain entries in the organic peroxide tables.

Please contact RCS for a full description or to obtain the answers to any questions regarding these changes to the HMR.



## Tips to Protect Employees Working in Cold Weather



- Recognize the environmental and workplace conditions, which may be dangerous;
- Learn the signs and symptoms of cold-induced illnesses and injuries and what to do to help workers;
- Train workers about cold-induced illnesses and injuries;
- Encourage workers to wear proper clothing for cold, wet and windy conditions, including layers that can be adjusted to changing conditions;
- Be sure workers in extreme conditions take a frequent short break in warm dry shelters to allow their bodies to warm up;
- Try to schedule work for the warmest part of the day;
- Avoid exhaustion or fatigue because energy is needed to keep muscles warm;
- Use the buddy system - work in pairs so that one worker can recognize danger signs;
- Drink warm, sweet beverages (sugar water, sports-type drinks) and avoid drinks with caffeine (coffee, tea, sodas or hot chocolate) or alcohol;
- Eat warm, high-calorie foods such as hot pasta dishes; and
- Remember that workers face increased risks when they take certain medications, are in poor physical condition or suffer from illnesses such as diabetes, hypertension or cardiovascular disease.

Employers are responsible for providing a safe and healthful workplace for their employees and by following these tips and recommendations employees will be less likely to be involved in a cold weather related injury or ill-

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## A Note From the President

*“First comes thought; then organization of that thought, into ideas and plans; then transformation of those plans into reality. The beginning, as you will observe, is in your imagination.”*

*-Napoleon Hill*



### The Re-invention of a quality for profit philosophy

Deming's thinking in the late 1980's early 1990's can be expressed as "Management by Positive Co-operation." He talks about the New Climate that consists of three (3) elements.

1. Joy in Work;
2. Innovation; and
3. Co-operation.

He has referred to this New Climate as "Win – Win," as opposed to the "I Win - You Lose" attitude engendered by the ethic of Competition.

Prior to his death, Deming appeared to have attempted a summary of his work throughout sixty (60) years of experience. He titled it as the "System of Profound Knowledge."

His final work consists of four (4) interrelated parts:

1. Appreciation for a system

Managers need to understand the relationships between functions and activities. Everyone should understand that the goal must be for everybody to gain - employees, share holders, customers, suppliers, and the environment. Failure to ac-

complish the aim causes loss to everybody in the system.

2. Knowledge of statistical theory

This includes knowledge about variation, process capability, control charts, interactions, and loss function. All these need to be understood to accomplish effective leadership and teamwork.

3. Theory of knowledge

All plans require prediction based on past experience. An example of success cannot be successfully copied unless the theory is understood.

4. Knowledge of psychology

It is necessary to understand human interactions. Differences between people must be used for analysis by leaders to achieve optimization. People have intrinsic motivation to succeed. Extrinsic motivators in employment may smother intrinsic motivation. These include pay raises and performance grading, although these are sometimes viewed as a way out for managers not to understand or care about psychology.

### Let's talk Juran

Like Deming, Dr. Joseph Juran is a charismatic figure of senior age, being born in December 1904. A Balkan-born American, Joseph Juran started out professionally as an engineer in 1924. In 1951, his first Quality Control Handbook was published and led him to international acclaim. Chapter 1 of the book was titled *The Economics of Quality* and contained his now famous analogy to the costs of quality "There is gold in the mine."

Like Deming, Juran was invited to Japan in the early 1950's by the Union of Japanese Scientists and Engineers (JUSE). He arrived in 1954 and conducted seminars for top and middle-level executives. His lectures had a strong managerial flavor and focused on planning, organizational issues, management's responsibility for quality, and the need to set goals and targets for improvement. He insisted that quality control should be conducted as an integral part of management control.

*PRESIDENT, Continued on page 4*

## \*REGULATORY REMINDER\*

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### SARA

March 1st is the annual deadline for submitting SARA reports for the previous calendar year. To avoid fines of up to \$25,000 for violating inventory-reporting requirements, submit the inventory to the required entities before March 1, 2005. Contact RCS for questions or assistance in filing SARA reports.

### RCRA

March 1, 2006 is the deadline for submitting a Biennial Haz-

ardous Waste Report. A generator who ships any hazardous waste off-site to a treatment, storage or disposal facility within the United States must prepare and submit a single copy of a Biennial Report to the Regional Administrator by March 1 of each even numbered year. Although this year is an odd numbered year, many states require generators of Hazardous Waste to submit an Annual Hazardous Waste report. Contact RCS for questions or assistance in filing hazardous Waste reporting.

Juran has had a varied career in management and his interest has been wider than just quality, having been concerned with the underlying principles common to all managerial activity. His twelve (12) books have collectively been translated into some thirteen (13) languages. He has received more than thirty (30) medals, honorary fellowships within twelve (12) countries. Like Deming, these include the highest decoration presented to a non-Japanese citizen, the Second Order of the Sacred Treasure.

Next submission: Juran – “Quality” The Art of Control.

## Office Info

### **Business Sense**

As with a New Year, resolutions are made, and they range from everything from losing weight to being more organized. Most personal resolutions can be combined with work related business.

The following will explain a few tips to increase your work performance over the next year and years to follow.

If you happen to be disorganized, its never too late to arrange your life and workspace. Its been shown that an organized office often reduces stress levels and increases personal productivity.

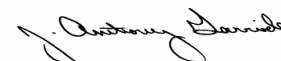
When it comes to your filing system, make sure to separate

your business and personal items. Also, a helpful hint is to name files something that will come directly to mind when searching, this is also helpful for computer folders and files.

Using the Paper Test, to decide what you need to keep, and what you can just toss, you just need to follow these simple guidelines:

If your answer is “NO” to the following questions, throw away the paper.

1. Will I ever refer to this piece of paper again?
2. Would I jeopardize my job if I threw it away?



If you answer “YES” to the following question, you may throw it out.

3. Will I be able to replace this paper later if I happen to need it? (If the answer is "yes," toss it.)

And finally, if you answer “NO” to this question, you might as well get rid of it anyway.

4. If I need it in the future, will I be able to find it?

Hopefully, these few organizational tips will help you start the new year off on the right foot and in the right direction.