

FUTURE FOCUS

Future Environment Designs Inc.

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You can make more friends in two months by becoming really interested in other people than you can in two years by trying to get other people interested in you.

~ Dale Carnegie

Special points of interest:

- We accept MasterCard, Visa, and American Express credit cards.
- Call us at (800) 969-3888 for your Safety Equipment & Supply needs.
- Visit the Center at 575 Underhill Blvd., Suite 128, Syosset, New York 11791.
- Visit our website at www.futureenv.com

OSHA STATISTICS REGARDING VIOLATIONS ON REMEDIATION PROJECTS

Welcome to the fall edition of Future Focus. Remediation contractors are regulated by a number of regulatory agencies including NYC DEP, NYS DOL, and EPA. Another regulatory agency that is likely to show up and issue violations is the federal Occupational Safety and Health Administration (OSHA). Remediation contractors are regulated under the OSHA construction industry standard (1926). We researched the OSHA database to determine the top ten violations issued to remediation contractors from October 2004 to September 2005. We got some interesting results and here they are:

1. The general requirements section of the scaffolding standard (1926.451) had the most total violations cited by OSHA. This standard was cited 2.2 times per inspection and was responsible for costing contractors an average of \$745 per citation.
2. The fall protection standard (1926.0501) came in at number 2. This standard was cited 1.1 times per inspection and the average cost to contractors was \$1,509 per citation.
3. Aerial lifts (1926.0453) was next, cited 1.1 times per inspection and averaging penalties of \$799 per citation. This section covers extensible boom platforms, aerial ladders, articulating boom platforms, and vertical towers, including all requirements on using these pieces of

- equipment on construction projects.
4. Fourth most cited was ladders (1926.1053), cited 1.3 times per inspection with an average fine of \$430 per citation.
5. The asbestos (1926.1101) standard is number 5, cited 4.2 times per inspection



**By Angelo Garcia, III
Founder,
Future Environment Designs, Inc.**

6. The lead (1926.0062) standard is number 6, cited 6.4 times per inspection with an average cost of \$2,880 per citation. Based on these statistics the lead standard had the highest average fine per citation and the most citations per inspection.
7. Hazard communication (1910.1200) comes in at number 7, cited 1.7 times per inspection with an average fine of \$109 per citation.
8. Eighth most frequently cited was head protection (1926.0100), cited 1 per inspection with an average fine of \$577 per citation.
9. Number 9 is respiratory protection (1910.134) cited 1.8 times per inspection

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FUTURE ENVIRONMENT DESIGNS PROJECT NEWS

CONFINED SPACE ENTRY TRAINING - ELECTRICAL CONTACTOR

On August 2, 2006, Future Environment Designs performed Confined Space Entry/Attendant training for an electrical contractor working for the New York City Department of Environmental Protection (NYC DEP). The electrical contractor will be working at NYC DEP facilities entering into non-permit and permit required confined spaces. Training involved the importance of the permit system and testing requirements using a four gas meter.

SUFFOLK COUNTY INMATE MOLD TRAINING

On July 31, 2006, Future Environment Designs performed Mold Remediation Worker Training for some Suffolk County jail inmates. This training will allow the jail inmates to perform operations and maintenance mold clean-ups in the damp areas of the jails in Riverhead and Yaphank, New York. Training included basic information on mold and its health effects, personal protective equipment use, clean-up procedures recommended by NYC and EPA, and biocide use.

APARTMENT BUILDINGS, ASTORIA, NEW YORK

Future Environment Designs is performing asbestos and lead based paint inspections for the purpose of developing an asbestos and lead based paint operations and maintenance program. These inspections will allow building management to know where both asbestos containing and lead based paint materials are in the buildings. While the operations and maintenance program will develop a plan for the handling and managing of the asbestos and the lead based paint in place.

Website Changes

Come visit our website at www.futureenv.com we've made some improvements to better educate visitors and we have also added a new blog at <http://futureenv.blogspot.com>, this will allow us to provide information we gather from our classes and help us keep in touch with you.

We still offer online training courses. Some of these courses are also offered in Spanish.

**Train online and take 5% off the course by entering the following code at checkout:
NEWS06**

OSHA STATISTICS REGARDING VIOLATIONS ON REMEDIATION PROJECTS

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tion with an average violation of \$224 per citation.
10. Last but not least is safety and health training (1926.0021) cited once per inspection with an average cost of \$1,053 per citation.

Based on these statistics, companies should be providing their workers and supervisors with additional training on OSHA's asbestos (\$949 per citation with 4.2 citations per inspection), lead (\$2,880 per citation with 6.4 citations per inspection), and fall protection standards (\$1,509 per citation with 1.1 citations per inspection), and general safety and health training (\$1,053 per citation with 1 citation per inspection). This last training is the OSHA 10- and 30-hour construction safety course. We recom-

mend that supervisors take the 10-hour course and project managers take the 30-hour course. We can provide you with these courses along with the OSHA training cards. Contact us to make arrangements to hold the 10- and 30-hour courses at your convenience or any of the other top 10 areas that OSHA has cited remediation contractors. In addition, we can perform audits of your safety and health program and procedures to determine if they are in compliance with the OSHA standard. Give us a call to find out more about this service.

FOR YOUR INFORMATION



Safety Suzy Says:

If you want some basic information on mold go to the US Environmental Protection Agency (EPA) website at www.epa.gov/mold. The EPA has developed a new mold web course which con-

tains information on mold prevention and remediation. The course is based on the EPA's guidance document *Mold Remediation in Schools and Commercial Buildings*. It is very informative and has a little quiz after each section allowing you to test yourself on the knowledge you gained.

New APFs for Respirators

August 24, 2006 OSHA issued its final rule on Assigned Protection Factors (APF) and Maximum Use Concentrations (MUC) for respirators. The new table for asbestos is as follows:

<u>Respirator</u>	<u>APF</u>	<u>MUC</u> <u>(f/cc)</u>
1/2 mask APR	10	1
Full mask APR	50	5
1/2 mask PAPR	50	5
Full mask PAPR	1,000	100
Loose Helmet/Hood PAPR	25	2.5
Full face SAR	1,000	100

New Applicable Variances

The new New York State asbestos standard Industrial Code Rule 56 is now in effect. In addition, the Department of Labor (DOL) has released two new Applicable Variances AV-A-1 for Controlled Demolition of Municipally-Owned Vacant Residential Buildings/Structures Up to 3-stories in height and AV-A-2 for Negative Air Ventilation Exhaust Greater than 25 Foot in Length. Both of these variances were anticipated based on the DOL's comments. You can get these variances and new Guidance document that was released on July 28, 2006 at DOL's website <http://www.labor.state.ny.us>. The new regulations, the applicable variances, and the guidance document are all included in our refresher class manual, we look forward to seeing you in class to discuss the changes.

OCTOBER - DECEMBER COURSES (LOCATION)

DATE

Asbestos Supervisor Initial (Syosset)	Oct. 30 - Nov. 3
Asbestos Supervisor Initial (Night Class - Freeport)	Nov. 6 - 17
Asbestos Handler Initial (Syosset)	Nov. 7 - 10
Asbestos O & M/Handler Refresher (Syosset)	Nov. 8
Asbestos Project Designer Refresher (Syosset)	Nov. 9
Asbestos Handler Initial (Weekends - Freeport)	Nov. 11- 12, & 18 - 19
Asbestos Air Sample Technician/Project Monitor Refresher (Syosset)	Nov. 13
Asbestos Supervisor Refresher (Syosset)	Nov. 15
Asbestos Inspector/Management Planner Refresher (Syosset)	Nov. 16
Asbestos Inspector Initial (Syosset)	Nov. 20 - 22
Asbestos Project Monitor Initial (Syosset)	Nov. 27 - Dec. 1
Asbestos Management Planner Initial (Syosset)	Nov. 29 - 30
Asbestos Project Designer Refresher (Syosset)	Dec. 5
Asbestos O & M/Handler Refresher (Syosset)	Dec. 6
Asbestos Supervisor Refresher (Syosset)	Dec. 13
Asbestos Inspector/Management Planner Refresher (Syosset)	Dec. 14
Asbestos Air Sample Technician/Project Monitor Refresher (Syosset)	Dec. 19



Future Environment Designs Inc.

575 Underhill Blvd., Suite 128
Syosset, New York 11791

Phone: 516-364-9671
Fax: 516-364-9710
E-mail: angelo3@futureenv.com

Keeping Employees Safe

We're on the web
www.futureenv.com

New Sponsorships Opportunities with Future Environment Designs

Starting in 2007, Future Environment Designs will be providing opportunities to suppliers, vendors, and manufacturers to reach Future Environment Design's clients. These sponsorship packages will include opportunities to link up with our website, and blog; advertise in our newsletter and our student manuals; and sponsor breakfast or lunch with the opportunity to present your product or service to our students.

Future Environment Designs has hired a internet marketing firm to beef up our presence on the web. This firm is responsible for the upgrades you see on the website to date. The website will continue to be updated and improved. We are presently working on

a method for you to register online and pay for the courses online. The new interface will allow you to enter the classes you are looking for and give you the dates when they are being offered.

2006 has been a year of renewal for Future Environment Designs and we will be making several changes in our courses and the way we offer these courses in 2007. Look for our December newsletter that will describe all of these opportunities and changes. We are very excited about the future and look forward to providing you with the best and most up-to-date information in the marketplace for mold, asbestos, lead, and safety. We would like to thank everyone that has supported us

throughout the years and look forward to your continued support.



Greenpoint Terminal Project