

Second Quarter, 2010
Volume 1, Issue 11



PPSA Quarterly Review

Pulp and Paper Safety Association (850) 584-1569

Website www.ppsa.org

Special Interest Articles:

- Chairman's Letter
- Safety Stats
- Safety
 - OSHA
 - The right place at the right time
- Ergonomics
- About Us

Individual Highlights:

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Photos compliments of:
Temple-Inland Photo Gallery

A Letter from Our Chairman



Current Activities & 2010 Focus

Finance:

- The organization continues progress towards a secure financial foundation. With the success of the 2010 safety conference and additional members joining the organization we now have a balance of \$173, 000 with 250 members signed up.

2010 Conference:

- Our 2010 conference held in beautiful Charleston, SC. the week of June 6th, 2010, was a success with 180 attendees. The conference focused on a variety of industry related topics, including safety leadership, OSHA's new agenda, combustible dust issues and included site presentations on significant incidents and best practices. The awards banquet allowed us the opportunity to celebrate outstanding achievements in safety for 2009. Mike Edwards, Senior Operations Manager for DOMTAR, was the deserving recipient of the Executive Eagle Award. The three Awards of Excellence given annually for operating excellence (the best safety records for three consecutive years as determined by the best weighted incident rate) were presented to: Weyerhaeuser Columbus Paper, MS. in the combined paper mills, tissue mills and recycle mills category, Temple-Inland, Elgin IL. converting operations combined, Temple-Inland's Diboll Lumber, Diboll, TX. woodland and solid wood product operations. Participant and activity pictures can be viewed on our web page @ www.ppsa.org.

Partnership with AFPA:

- On Thursday, June 10, 2010 the PPSA Board of Directors met with representatives of the AF&PA Health and Safety Subcommittee to consider how both organizations can work together to create a safer industry. Recognizing and leveraging the strengths of both organizations, current plans are to work together to co-publish statistics and to work collaboratively to better understand and influence regulatory affairs. Beginning with 2010 year-end statistics, benchmarking data will be collected and published for the membership of both organizations. Both organizations are working to establish a process in which OSHA initiatives of common interest can be efficiently identified and advocacy (e.g., comments, testimony) on those initiatives would be funded cost-effectively advancing the interests of both the industry and member companies.

Statistical Reporting and Submitted Articles:

- The quarterly publication is enhanced greatly by articles from member companies. If you have a safety success story or safety alert that you would like to submit for publication in a PPSA Quarterly Review, please feel free to email them to: tomwatson@templeinland.com.

Make available training materials and seminars on safety topics of interest to our members at a minimal cost:

- A reminder that we have entered into an agreement with Summit Training Source to provide safety training materials at a reduced price. Summit offers its extensive safety training product line to be sold and distributed through the PPSA. For example, if the list price for a Summit program is \$395, you will be able to purchase the same program through the PPSA web page at a discount price of \$355.50. You can access the Summit training PPSA discount page by going to the following link: http://www.ppsa.org/members/summit_training_source_alliance.html

Identify and share solutions to those safety issues facing our industry and members:

- Board members have identified management of "Combustible Dust" as our highest immediate issue for the industry. Brian Kendall and his team will coordinate educational seminars on this topic.

Vendors:

- Our vendor members are an important part of the Pulp & Paper Safety Association. Through their participation and support our industry has improved opportunities to keep up on safety events, regulations, emerging issues, and the availability of resources. Twenty vendors displayed at the Charleston conference. Four sponsorship levels are available for vendors. Bronze Level - \$800, Silver Level - \$1250, Gold Level - \$1850, and Platinum Level - \$2500.

General Chairperson – PPSA, Chris Redfearn

2010 Mid Year Safety Stats

Change Notice: In order to provide more focus on leading safety indicators and lessen the focus on trailing safety indicators, the PPSA Board has decided to gather site safety statistics on a semiannual rather than quarterly basis.

| Paper Mills #1 | | year-to-date | Total OSHA Log | LWDC | RWDC | Fatalities | |
|-------------------------------|---------------------------------|------------------|--|-----------------------|-------------------|-------------------|------------|
| COMPANY | CITY/Location Name | Hours | Cases (OSHA 300 log sum of col. G+H+I+J) | (OSHA 300 log col. H) | (OSHA log col. I) | (OSHA log col. G) | Total IR |
| AbitibiBowater | Catawba | 1,065,063 | 7 | 0 | 7 | 0 | 1.31 |
| Meadwestvaco | Covington, VA | 1,224,093 | 15 | 5 | 3 | 0 | 2.45 |
| Domtar | Ashdown | 1,116,000 | 14 | 4 | 0 | 0 | 2.51 |
| Glatfelter | Ohio Operation, Chillicothe, OH | 1,577,725 | 24 | 7 | 10 | 0 | 3.04 |
| Glatfelter | Spring Grove Mill, PA | 1,130,650 | 22 | 5 | 10 | 0 | 3.89 |
| | | 6,113,531 | 82 | 21 | 30 | 0 | |
| Weighted Average for Category | | | | | | | 2.7 |

| Paper Mills #2 | | year-to-date | Total OSHA Log | LWDC | RWDC | Fatalities | |
|--------------------------------------|---------------------------|------------------|--|-----------------------|-------------------|-------------------|------------|
| COMPANY | CITY/Location Name | Hours | Cases (OSHA 300 log sum of col. G+H+I+J) | (OSHA 300 log col. H) | (OSHA log col. I) | (OSHA log col. G) | Total IR |
| Smurfit-Stone | Hodge, LA | 565,100 | 0 | 0 | 0 | 0 | 0.00 |
| Domtar | Plymouth, NC | 538,826 | 0 | 0 | 0 | 0 | 0.00 |
| AbitibiBowater | Calhoun, TN | 726,692 | 3 | 2 | 1 | 0 | 0.83 |
| Domtar | Espanola, ON | 560,549 | 3 | 1 | 2 | 0 | 1.07 |
| RockTenn | Demopolis, AL | 520,400 | 4 | 1 | 1 | 0 | 1.54 |
| Meadwestvaco | Evadale, TX | 797,442 | 7 | 5 | 0 | 0 | 1.76 |
| Smurfit-Stone | West Point, VA | 541,659 | 5 | 1 | 4 | 0 | 1.85 |
| Thilmany | Kaukauna, WI | 678,207 | 17 | 4 | 6 | 0 | 5.01 |
| Twin Rivers Paper Co.(Fraser Papers) | East Paper, Madawaska, ME | 101,835 | 36 | 12 | 2 | 0 | 70.70 |
| | | 5,030,710 | 75 | 26 | 16 | 0 | |
| Weighted Average for Category | | | | | | | 3.0 |

| Paper Mills #3 | | year-to-date | Total OSHA Log | LWDC | RWDC | Fatalities | |
|-------------------------------|-------------------------------|-------------------|--|-----------------------|-------------------|-------------------|------------|
| COMPANY | CITY/Location Name | Hours | Cases (OSHA 300 log sum of col. G+H+I+J) | (OSHA 300 log col. H) | (OSHA log col. I) | (OSHA log col. G) | Total IR |
| Weyerhaeuser | Norpac, Longview, WA | 483,761 | 0 | 0 | 0 | 0 | 0.00 |
| Boise Packaging | DeRidder, LA | 478,499 | 0 | 0 | 0 | 0 | 0.00 |
| Weyerhaeuser | Columbus, MS | 335,882 | 0 | 0 | 0 | 0 | 0.00 |
| Domtar | Hawesville, KY | 222,384 | 0 | 0 | 0 | 0 | 0.00 |
| Buckeye Mt. Holly | Mt. Holly, NC | 131,013 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone | Matane, QB | 75,055 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone | La Tuque, QB | 72,431 | 0 | 0 | 0 | 0 | 0.00 |
| Domtar | Kingsport, TN | 343,298 | 1 | 0 | 1 | 0 | 0.58 |
| Smurfit-Stone | Hopewell, VA | 314,214 | 1 | 1 | 0 | 0 | 0.64 |
| Georgia-Pacific | Brewton AL | 493,816 | 2 | 0 | 0 | 0 | 0.81 |
| Domtar | Port Huron, MI | 245,955 | 1 | 1 | 0 | 0 | 0.81 |
| Temple-Inland #389 | Rome | 490,767 | 2 | 1 | 1 | 0 | 0.82 |
| Temple-Inland #390 | Bogalusa, LA | 472,606 | 2 | 1 | 0 | 0 | 0.85 |
| Domtar | Nekoosa, WI | 444,674 | 2 | 1 | 1 | 0 | 0.90 |
| Domtar | Marlboro, Bennettsville, SC | 330,974 | 2 | 1 | 0 | 0 | 1.21 |
| Mohawk Fine Papers | Beckett Mill, Hamilton, OH | 154,514 | 1 | 0 | 0 | 0 | 1.29 |
| Weyerhaeuser | Longview, WA | 1,041,330 | 7 | 2 | 0 | 0 | 1.34 |
| Temple-Inland #393 | Orange, TX | 408,085 | 3 | 3 | 0 | 0 | 1.47 |
| Interstate Paper | Riceboro, GA | 267,764 | 2 | 0 | 0 | 0 | 1.49 |
| Domtar | Rothschild, WI | 392,202 | 3 | 1 | 1 | 0 | 1.53 |
| Smurfit-Stone | Coshocton, OH | 217,225 | 2 | 2 | 0 | 0 | 1.84 |
| Packaging Corp. of America | Tomahawk, WI | 432,333 | 4 | 1 | 0 | 0 | 1.85 |
| Temple-Inland #386 | New Johnsonville, TN | 192,615 | 2 | 0 | 1 | 0 | 2.08 |
| Domtar | Johnsonburg, PA | 375,956 | 4 | 3 | 1 | 0 | 2.13 |
| Boise, Inc. | Jackson, AL | 513,402 | 6 | 0 | 2 | 0 | 2.34 |
| Mohawk Fine Papers | Cohoes Mill, NY | 255,898 | 3 | 0 | 0 | 0 | 2.34 |
| Green Bay Packaging | Arkansas Kraft, AR | 396,802 | 5 | 1 | 3 | 0 | 2.52 |
| Mohawk Fine Papers | Waterford Mill, Waterford, NY | 154,428 | 3 | 1 | 0 | 0 | 3.89 |
| New Page | Stevens Point, WI | 315,845 | 7 | 1 | 2 | 0 | 4.43 |
| | | 10,053,728 | 65 | 21 | 13 | 0 | |
| Weighted Average for Category | | | | | | | 1.3 |

| 100% Recycle Mills | | year-to-date | Total OSHA Log | LWDC | RWDC | Fatalities | |
|-------------------------------|---------------------------------|--------------|--|-----------------------|-------------------|-------------------|----------|
| COMPANY | CITY/Location Name | Hours | Cases (OSHA 300 log sum of col. G+H+I+J) | (OSHA 300 log col. H) | (OSHA log col. I) | (OSHA log col. G) | Total IR |
| Smurfit-Stone | Seminole Mill, Jacksonville, FL | 190,917 | 0 | 0 | 0 | 0 | 0.00 |
| Sonoco | Menasha, WI | 122,435 | 0 | 0 | 0 | 0 | 0.00 |
| Sonoco | Hutchinson, KS | 118,679 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #391 | Maysville, KY | 114,976 | 0 | 0 | 0 | 0 | 0.00 |
| Sonoco | Richmond, VA | 100,851 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone | Uncasville, CT | 96,312 | 0 | 0 | 0 | 0 | 0.00 |
| Hartford City Paper | Hartford City, IN | 86,139 | 0 | 0 | 0 | 0 | 0.00 |
| Sonoco | DePere, WI | 63,283 | 0 | 0 | 0 | 0 | 0.00 |
| Sonoco | Sumner, WA | 58,470 | 0 | 0 | 0 | 0 | 0.00 |
| Sonoco | City Of Industry, CA | 54,784 | 0 | 0 | 0 | 0 | 0.00 |
| Sonoco | Newport, TN | 109,790 | 1 | 1 | 0 | 0 | 1.82 |
| Temple-Inland #392 | Ontario, CA | 96,180 | 1 | 0 | 0 | 0 | 2.08 |
| Temple-Inland #385 | Newport, IN | 144,591 | 2 | 0 | 0 | 0 | 2.77 |
| Sonoco | Hartsville, SC | 485,810 | 7 | 0 | 0 | 0 | 2.88 |
| Sonoco | Holyoke, MA | 66,586 | 1 | 0 | 1 | 0 | 3.00 |
| Orchids Paper | Pryor, OK | 295,428 | 6 | 6 | 0 | 0 | 4.06 |
| Green Bay Packaging | Green Bay, WI | 147,510 | 4 | 0 | 1 | 0 | 5.42 |
| Fibrex (SFK Pulp Recycling) | Menominee, MI | 103,279 | 3 | 2 | 0 | 0 | 5.81 |
| | | 2,456,019 | 25 | 9 | 2 | 0 | |
| Weighted Average for Category | | | | | | | 2.0 |

| Pulpmills | | year-to-date | Total OSHA Log | LWDC | RWDC | Fatalities | |
|-------------------------------|--------------------|--------------|--|-----------------------|-------------------|-------------------|----------|
| COMPANY | CITY/Location Name | Hours | Cases (OSHA 300 log sum of col. G+H+I+J) | (OSHA 300 log col. H) | (OSHA log col. I) | (OSHA log col. G) | Total IR |
| Weyerhaeuser | Grand Prairie, AB | 306,114 | 0 | 0 | 0 | 0 | 0.00 |
| Domtar | Baileysville, ME | 325,832 | 1 | 0 | 0 | 0 | 0.61 |
| Domtar | Hawesville, KY | 249,626 | 1 | 0 | 1 | 0 | 0.80 |
| Buckeye Technologies | Memphis, TN | 224,325 | 1 | 0 | 1 | 0 | 0.89 |
| Rayonier | Jesup, GA | 884,159 | 4 | 3 | 0 | 0 | 0.90 |
| Weyerhaeuser | Flint River, GA | 278,980 | 2 | 0 | 0 | 0 | 1.43 |
| Weyerhaeuser | Port Wentworth, WA | 304,945 | 3 | 1 | 0 | 1 | 1.97 |
| Weyerhaeuser | New Bern, NC | 290,095 | 3 | 0 | 0 | 0 | 2.07 |
| Domtar | Kamloops, BC | 483,805 | 6 | 0 | 78 | 0 | 2.48 |
| Buckeye Florida | Perry, FL | 613,053 | 8 | 6 | 0 | 0 | 2.61 |
| Rayonier | Fernandina Beach | 324,094 | 5 | 1 | 1 | 0 | 3.09 |
| | | 4,285,028 | 34 | 11 | 81 | 1 | |
| Weighted Average for Category | | | | | | | 1.6 |

| Box Plants - with corrugator | | year-to-date | Total OSHA Log | LWDC | RWDC | Fatalities | |
|-------------------------------|---------------------------------------|--------------|--|-----------------------|-------------------|-------------------|----------|
| COMPANY | CITY/Location Name | Hours | Cases (OSHA 300 log sum of col. G+H+I+J) | (OSHA 300 log col. H) | (OSHA log col. I) | (OSHA log col. G) | Total IR |
| Temple-Inland #067 | Bogalusa | 179,532 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #031 | Bell (Los Angeles, CA) | 165,886 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #152 | Binghamton, NY | 157,682 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #048 | Elgin, IL | 142,278 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #158 | Warren County, NC | 135,934 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #023 | Spotswood, NJ | 117,139 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #010 | Orlando, FL | 113,802 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #019 | Shakopee (Minneapolis, MN) | 113,673 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #033 | Ft. Smith AR | 113,233 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #002 | Middletown OH | 112,126 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #032 | Hazelton, PA | 109,951 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #018 | Minden LA | 109,772 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #039 | Kansas City, KS | 99,466 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #038 | Garden City, KS | 81,972 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #077 | Tampa, FL | 68,676 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #151 | Scranton, PA | 23,939 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #022 | St. Louis (Fenton), MO | 9,677 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #171 | Crockett-Santa Fe Springs | 259,561 | 1 | 1 | 0 | 0 | 0.77 |
| Temple-Inland #020 | Tracy, CA | 210,914 | 1 | 0 | 1 | 0 | 0.95 |
| Temple-Inland #280 | Pakway Indianapolis, IN (Stout Field) | 312,440 | 2 | 0 | 0 | 0 | 1.28 |
| Temple-Inland #076 | San Antonio, TX | 135,447 | 1 | 1 | 0 | 0 | 1.48 |
| Temple-Inland #009 | Streetsboro, OH | 129,275 | 1 | 1 | 0 | 0 | 1.55 |
| Temple-Inland #016 | Carrollton (Dallas, TX) | 127,219 | 1 | 0 | 0 | 0 | 1.57 |
| Temple-Inland #034 | Wheat Ridge, CO | 118,123 | 1 | 0 | 1 | 0 | 1.69 |
| Smurfit-Stone Cont. Corp. | Stevenson, AL | 432,208 | 4 | 2 | 1 | 0 | 1.85 |
| Green Bay Packaging | Baltimore, MD | 98,687 | 1 | 0 | 1 | 0 | 2.03 |
| Temple-Inland #027 | Crawfordsville, IN | 191,491 | 2 | 0 | 0 | 0 | 2.09 |
| Temple-Inland #037 | Lexington, SC | 191,022 | 2 | 0 | 0 | 0 | 2.09 |
| Green Bay Packaging | Tulsa, OK | 94,696 | 1 | 0 | 0 | 0 | 2.11 |
| Green Bay Packaging | GB Shipping Cont., WI | 278,007 | 3 | 0 | 2 | 0 | 2.16 |
| Temple-Inland #014 | El Centro - Imperial Valley, CA | 181,539 | 2 | 2 | 0 | 0 | 2.20 |
| Temple-Inland #070 | Gilroy, CA Box Plant | 160,522 | 2 | 1 | 0 | 0 | 2.49 |
| Green Bay Packaging | DePere, WI | 77,137 | 1 | 0 | 1 | 0 | 2.59 |
| Temple-Inland #005 | Evansville IN | 69,990 | 1 | 0 | 0 | 0 | 2.86 |
| Temple-Inland #074 | Phoenix, CA | 68,325 | 1 | 0 | 0 | 0 | 2.93 |
| Temple-Inland #012 | Biglerville PA | 186,517 | 3 | 2 | 0 | 0 | 3.22 |
| Green Bay Packaging | Ft. Worth, TX | 122,575 | 2 | 0 | 2 | 0 | 3.26 |
| Temple-Inland #068 | Carol Stream, IL | 118,997 | 2 | 0 | 1 | 0 | 3.36 |
| Temple-Inland #042 | Ontario, CA | 106,800 | 2 | 1 | 0 | 0 | 3.75 |
| Green Bay Packaging | Cincinnati, OH | 90,964 | 2 | 0 | 2 | 0 | 4.40 |
| Temple-Inland #044 | Edinburg, TX | 135,507 | 3 | 0 | 3 | 0 | 4.43 |
| Temple-Inland #036 | Petersburg, VA | 89,344 | 2 | 0 | 1 | 0 | 4.48 |
| Green Bay Packaging | Twin Town, MN | 127,462 | 3 | 1 | 1 | 0 | 4.71 |
| Temple-Inland #029 | Santa Fe Springs, CA | 127,107 | 3 | 0 | 0 | 0 | 4.72 |
| Temple-Inland #072 | Marion, OH | 116,936 | 4 | 1 | 1 | 0 | 6.84 |
| Green Bay Packaging | Kalamazoo, MI | 169,870 | 6 | 0 | 0 | 0 | 7.06 |
| Temple-Inland #017 | Northlake/Chicago, IL | 106,770 | 4 | 1 | 1 | 0 | 7.49 |
| Green Bay Packaging | Wausau, WI | 178,924 | 7 | 1 | 4 | 0 | 7.82 |
| Green Bay Packaging | Fremont, OH | 113,382 | 5 | 0 | 3 | 0 | 8.82 |
| Green Bay Packaging | El Paso, TX | 131,678 | 7 | 0 | 4 | 0 | 10.63 |
| Weighted Average for Category | | 6,914,176 | 83 | 15 | 30 | 0 | 2.4 |

| Box Plants without a corrugator | | year-to-date | Total OSHA Log | LWDC | RWDC | Fatalities | |
|---------------------------------|-------------------------------------|----------------|--|-----------------------|-------------------|-------------------|------------|
| | | | Cases (OSHA 300 log sum of col. G+H+I+J) | (OSHA 300 log col. H) | (OSHA log col. I) | (OSHA log col. G) | Total IR |
| COMPANY | CITY/Location Name | Hours | | | | | |
| Temple-Inland #170 | Crockett-Buena Park, CA | 115,188 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #154 | Madison, OH | 80,674 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #155 | Buffalo, NY | 69,005 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #159 | St. Anthony, IN | 43,730 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #287 | Pakway Indianapolis, IN (Roosevelt) | 43,705 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #003 | Ft. Smith, AR | 42,165 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #001 | Milltown (was Middlesex), NJ | 32,895 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #176 | Bayline Sheet Plant | 32,832 | 0 | 0 | 0 | 0 | 0.00 |
| Green Bay Packaging | Chickasha, OK | 32,094 | 0 | 0 | 1 | 0 | 0.00 |
| Temple-Inland #156 | Scotia, NY | 20,657 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #043 | Ashland City Sheet, TN | 19,611 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #291 | Mack Chicago, IL | 114,727 | 1 | 1 | 1 | 0 | 1.74 |
| Temple-Inland #046 | Elizabethton Sheet Plant, TN | 98,256 | 1 | 0 | 0 | 0 | 2.04 |
| Temple-Inland #047 | Littlestown, PA | 25,568 | 1 | 1 | 0 | 0 | 7.82 |
| Temple-Inland #172 | Crockett-Santa Fe Springs | 20,250 | 2 | 1 | 0 | 0 | 19.75 |
| | | 791,358 | 5 | 3 | 2 | 0 | |
| Weighted Average for Category | | | | | | | 1.3 |

| Folding Carton | | year-to-date | Total OSHA Log | LWDC | RWDC | Fatalities | |
|-------------------------------|--------------------|--------------|--|-----------------------|-------------------|-------------------|--------------|
| | | | Cases (OSHA 300 log sum of col. G+H+I+J) | (OSHA 300 log col. H) | (OSHA log col. I) | (OSHA log col. G) | Total IR |
| COMPANY | CITY/Location Name | Hours | | | | | |
| Green Bay Packaging | Folding Carton, WI | 101,715 | 7 | 0 | 2 | 0 | 13.76 |
| | | | | | | | |
| Weighted Average for Category | | | | | | | 13.76 |

| Distribution Centers | | year-to-date | Total OSHA Log | LWDC | RWDC | Fatalities | |
|-------------------------|--------------------|--------------|--|-----------------------|-------------------|-------------------|----------|
| | | | Cases (OSHA 300 log sum of col. G+H+I+J) | (OSHA 300 log col. H) | (OSHA log col. I) | (OSHA log col. G) | Total IR |
| COMPANY | CITY/Location Name | Hours | | | | | |
| MOHAWK FINE PAPERS INC. | Albany, NY | 35,400 | 0 | 0 | 0 | 0 | 0 |

| Sheeting & Sheet Feeder Plants | | year-to-date | Total OSHA Log | LWDC | RWDC | Fatalities | |
|--------------------------------|---------------------------------------|------------------|--|-----------------------|-------------------|-------------------|------------|
| COMPANY | CITY/Location Name | Hours | Cases (OSHA 300 log sum of col. G+H+I+J) | (OSHA 300 log col. H) | (OSHA log col. I) | (OSHA log col. G) | Total IR |
| Temple-Inland #081 | Midwest Sheets | 109,498 | 0 | 0 | 0 | 0 | 0.00 |
| Domtar | Indianapolis Converting, IN | 97,690 | 0 | 0 | 0 | 0 | 0.00 |
| Domtar | DuBois, PA | 84,640 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #082 | Texas Sheets (San Antonio, TX) | 81,032 | 0 | 0 | 0 | 0 | 0.00 |
| Domtar | Washington Court House, OH | 78,083 | 0 | 0 | 0 | 0 | 0.00 |
| Domtar | Langhorne, PA | 68,232 | 0 | 0 | 0 | 0 | 0.00 |
| Domtar | DFW Converting, Irving, TX | 63,645 | 0 | 0 | 0 | 0 | 0.00 |
| Domtar | Ridgefields Converting, Kingsport, TN | 57,332 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #078 | Gilroy (Bay Sheets) | 91,806 | 1 | 1 | 0 | 0 | 2.18 |
| Domtar | Rock Hill, SC | 69,899 | 1 | 0 | 0 | 0 | 2.86 |
| Boise, Inc. | Jackson, AL | 134,222 | 2 | 0 | 1 | 0 | 2.98 |
| Domtar | Addison, IL | 59,882 | 1 | 0 | 0 | 0 | 3.34 |
| Domtar | Tatum, SC | 47,519 | 1 | 0 | 0 | 0 | 4.21 |
| Domtar | Brownsville Converting, TN | 42,310 | 1 | 1 | 0 | 0 | 4.73 |
| Domtar | Owensboro, KY | 68,500 | 2 | 1 | 0 | 0 | 5.84 |
| Temple-Inland #079 | Gateway Sheets - St. Louis, MO | 83,890 | 3 | 3 | 0 | 0 | 7.15 |
| | | 1,238,180 | 12 | 6 | 1 | 0 | |
| Weighted Average for Category | | | | | | | 1.9 |

| Specialty Products | | year-to-date | Total OSHA Log | LWDC | RWDC | Fatalities | |
|-------------------------------|--|----------------|--|-----------------------|-------------------|-------------------|------------|
| COMPANY | CITY/Location Name | Hours | Cases (OSHA 300 log sum of col. G+H+I+J) | (OSHA 300 log col. H) | (OSHA log col. I) | (OSHA log col. G) | Total IR |
| Temple-Inland #026 | Graphics Resource Center, Indianapolis, IN | 84,928 | 0 | 0 | 0 | 0 | 0.00 |
| Weyerhaeuser | Columbus Modified Fiber, MS | 84,862 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #292 | Mack-Chicago- DEVCO | 33,224 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #444 | Kennett Square, Toughkenamon PA | 32,170 | 0 | 0 | 0 | 0 | 0.00 |
| Green Bay Packaging | Slitting | 14,949 | 0 | 0 | 0 | 0 | 0.00 |
| Mohawk Fine Papers | Saybrook, Ashtabula, OH | 110,193 | 1 | 0 | 0 | 0 | 1.81 |
| Temple-Inland #157 | Utica, NY | 91,331 | 1 | 1 | 0 | 0 | 2.19 |
| Green Bay Packaging | Green Bay, WI | 265,903 | 3 | 0 | 3 | 0 | 2.26 |
| Green Bay Packaging | Winchester, VA | 77,369 | 2 | 0 | 0 | 0 | 5.17 |
| Mohawk Fine Papers | SCC, Cohoes, NY | 35,603 | 2 | 1 | 0 | 0 | 11.24 |
| | | 830,531 | 9 | 2 | 3 | 0 | |
| Weighted Average for Category | | | | | | | 2.2 |

| Sawmills | | year-to-date | Total OSHA Log | LWDC | RWDC | Fatalities | |
|-------------------------------|-------------------------------|------------------|--|-----------------------|-------------------|-------------------|------------|
| | | | Cases (OSHA 300 log sum of col. G+H+I+J) | (OSHA 300 log col. H) | (OSHA log col. I) | (OSHA log col. G) | Total IR |
| COMPANY | CITY/Location Name | Hours | | | | | |
| Temple-Inland #123 | Southwest La - De Quincy | 186,847 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #131 | Pineland Complex Services, TX | 101,233 | 0 | 0 | 0 | 0 | 0.00 |
| Rayonier | Swainsboro, GA | 99,356 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #101 | Buna Lumber, TX | 2,163 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #105 | Diboll Lumber | 176,862 | 1 | 0 | 0 | 0 | 1.13 |
| Rayonier | Baxley, GA | 119,020 | 1 | 0 | 1 | 0 | 1.68 |
| Temple-Inland #121 | Pineland Lumber | 209,983 | 2 | 1 | 0 | 0 | 1.90 |
| Green Bay Packaging | Pincrest, AR | 76,640 | 1 | 0 | 0 | 0 | 2.61 |
| Meadwestvaco | Cottonton, AL | 199,203 | 4 | 1 | 1 | 0 | 4.02 |
| Temple-Inland #122 | Rome Sawmill | 165,953 | 4 | 0 | 2 | 0 | 4.82 |
| Rayonier | Eatonton, GA | 72,466 | 2 | 2 | 0 | 0 | 5.52 |
| | | 1,409,727 | 15 | 4 | 4 | 0 | |
| Weighted Average for Category | | | | | | | 2.1 |

| Woodlands | | year-to-date | Total OSHA Log | LWDC | RWDC | Fatalities | |
|-------------------------------|---------------------|----------------|--|-----------------------|-------------------|-------------------|------------|
| | | | Cases (OSHA 300 log sum of col. G+H+I+J) | (OSHA 300 log col. H) | (OSHA log col. I) | (OSHA log col. G) | Total IR |
| COMPANY | CITY/Location Name | Hours | | | | | |
| Temple-Inland | Wood Supply | 54,271 | 0 | 0 | 0 | 0 | 0.00 |
| Green Bay Packaging | Fiber Resources, AR | 33,355 | 0 | 1 | 0 | 0 | 0.00 |
| Temple-Inland | Forest Management | 25,570 | 0 | 0 | 0 | 0 | 0.00 |
| | | 113,197 | 0 | 1 | 0 | 0 | |
| Weighted Average for Category | | | | | | | 0.0 |

| Wood Products | | year-to-date | Total OSHA Log | LWDC | RWDC | Fatalities | |
|-------------------------------|------------------------|------------------|--|-----------------------|-------------------|-------------------|------------|
| | | | Cases (OSHA 300 log sum of col. G+H+I+J) | (OSHA 300 log col. H) | (OSHA log col. I) | (OSHA log col. G) | Total IR |
| COMPANY | CITY/Location Name | Hours | | | | | |
| Temple-Inland #115 | Mt. Jewett MDF | 125,567 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland# 104 | Cumberland City Gypsum | 120,888 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #106 | Diboll Particleboard | 97,275 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #118 | Monroeville | 89,378 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #114 | McQueeney Gypsum | 63,693 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #109 | Fingerjointing | 14,867 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #968 | Fredericksburg Gypsum | 12,948 | 0 | 0 | 0 | 0 | 0.00 |
| Temple-Inland #107 | Del-Tin Fiber | 221,191 | 1 | 1 | 0 | 0 | 0.90 |
| Temple-Inland #108 | Diboll Fiber Products | 109,131 | 1 | 0 | 0 | 0 | 1.83 |
| Temple-Inland #112 | Hope | 104,151 | 1 | 0 | 0 | 0 | 1.92 |
| Temple-Inland #124 | Thomson | 84,783 | 1 | 0 | 0 | 0 | 2.36 |
| Temple-Inland #110 | Fletcher Gypsum | 125,751 | 2 | 0 | 1 | 0 | 3.18 |
| Temple-Inland #128 | West Memphis Gypsum | 36,262 | 2 | 0 | 1 | 0 | 11.03 |
| | | 1,205,884 | 8 | 1 | 2 | 0 | |
| Weighted Average for Category | | | | | | | 1.3 |

| Recycle Collection Centers | | year-to-date | Total OSHA Log | LWDC | RWDC | Fatalities | |
|-------------------------------|--------------------------------|--------------|--|-----------------------|-------------------|-------------------|----------|
| COMPANY | CITY/Location Name | Hours | Cases (OSHA 300 log sum of col. G+H+I+J) | (OSHA 300 log col. H) | (OSHA log col. I) | (OSHA log col. G) | Total IR |
| Smurfit-Stone Recycling | Oakland | 63,141 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Jacksonville South | 47,945 | 0 | 0 | 0 | 0 | 0.00 |
| Caraustar | Texarkana, TX | 43,000 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Tampa | 42,892 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Columbus | 40,589 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Jacksonville North | 39,506 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Miami | 32,222 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Sacramento East | 27,442 | 0 | 0 | 0 | 0 | 0.00 |
| Caraustar | Hardeeville, SC | 27,200 | 0 | 0 | 0 | 0 | 0.00 |
| Caraustar | Dalton, GA (incl. Chattanooga) | 25,900 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Nashville | 25,762 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | St. Charles | 25,504 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Ft Lauderdale | 24,408 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Portland | 24,371 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Orlando Taft | 23,408 | 0 | 0 | 0 | 0 | 0.00 |
| Caraustar | Cleveland, OH | 23,100 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Orlando Sanford | 22,286 | 0 | 0 | 0 | 0 | 0.00 |
| Caraustar | Columbus | 22,100 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Kansas City | 22,003 | 0 | 0 | 0 | 0 | 0.00 |
| Caraustar | Doraville, GA | 21,600 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Augusta | 21,303 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Philadelphia | 18,794 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Cobb County | 15,467 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | College Park | 14,702 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Sacramento West | 13,559 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Fresno | 13,000 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Anchorage | 11,532 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Evansville | 10,417 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Southside Chicago | 9,234 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Bakersfield | 8,598 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Gainesville | 3,831 | 0 | 0 | 0 | 0 | 0.00 |
| Smurfit-Stone Recycling | Torrance | 115,558 | 1 | 0 | 0 | 0 | 1.73 |
| Smurfit-Stone Recycling | San Jose | 72,280 | 1 | 0 | 0 | 0 | 2.77 |
| Smurfit-Stone Recycling | Seattle | 61,606 | 1 | 0 | 0 | 0 | 3.25 |
| Smurfit-Stone Recycling | St. Louis | 49,059 | 1 | 0 | 0 | 0 | 4.08 |
| Caraustar | Charlotte, NC | 21,400 | 1 | 1 | 0 | 0 | 9.35 |
| Smurfit-Stone Recycling | Louisville | 18,298 | 1 | 0 | 0 | 0 | 10.93 |
| | | 1,103,017 | 6 | 1 | 0 | 0 | |
| Weighted Average for Category | | | | | | | 1.1 |

Safety

OSHA Proposes Tracking Musculoskeletal Injuries

The U.S. Occupational Safety and Health Administration (OSHA) has proposed a revision to its recordkeeping regulation that would add a column to the OSHA 300 Log for employers to record work-related musculoskeletal disorders (MSDs).

[Notice of the proposed rule](#) was scheduled to appear in the Jan. 29, 2010 issue of the Federal Register, according to the U.S. Department of Labor web site.

“This proposed rule would require employers to place a check mark in the MSD column, instead of the column they currently mark, if a case is an MSD that meets the recordkeeping regulation’s general recording requirements,” OSHA stated in the notice.

The rule does not change requirements for when and under what circumstances employers must record MSDs on their injury and illness logs, explained an OSHA news release. Recordkeeping regulations issued in 2001 established a column for MSDs and hearing loss, but the MSD column was dropped in 2003 before the rule could take effect. The requirement for the column was contained in Section 1904.12 of that rule, and that section never took effect, either. The Jan. 29, 2010, proposal would reinstate the section, requiring the addition of the MSD column and providing a definition of MSDs: “disorders of the muscles, nerves, tendons, ligaments, joints, cartilage and spinal discs, except those caused by slips, trips, falls, motor vehicle accidents or other similar accidents” (66 FR 6129). Section 1904.12(b) (2) clarified that an MSD, like any other injury or illness, was recordable if it “is work-related, and is a new case, and meets one or more of the general recording criteria” in §§ 1904.5, 1904.6 and 1904.7 (66 FR 6129-6130).

The Federal Register notice stated that OSHA wanted to gather the information in order to gain more accurate and complete occupational injury and illness statistics. It will use the information to target industries for its “inspection, outreach, guidance and enforcement efforts to address workplace MSDs” more effectively, and it hopes to gather information to help employers and employees identify MSDs more easily.

“Restoring the MSD column will improve the ability of workers and employers to identify and prevent work-related musculoskeletal disorders by providing simple and easily accessible information,” said Assistant Secretary of Labor for OSHA Dr. David Michaels in a news release. “It will also improve the accuracy and completeness of national work-related injury and illness data.”

To comment on the proposed rule, visit <http://www.regulations.gov>, the federal e-rulemaking portal; mail three copies of your comments to the OSHA Docket Office, Room N-2625, U.S. Department of Labor, 200 Constitution Ave. NW, Washington, D.C., 20210; or fax comments to 202-693-1648 if the comments do not exceed 10 pages. Comments must include the agency name and docket number for this rulemaking (Docket Number OSHA-2009-0044), and the deadline for submission is March 15, 2010. OSHA will hold a public meeting on the proposed rule on March 9. If the rule becomes final, it would go into effect Jan. 1, 2011.

Source: Beth Mirza, senior editor for HR News



HANFORD LESSONS LEARNED/OPERATING EXPERIENCE

Just-In-Time Report

2010-RL-HNF-0008

Potentially Contaminated Eyewash Solution

Date: February 2, 2010

Site/Facility/Contractor: Mission Support Alliance

Fendall Pure Flow 1000 saline cartridges have been found to be deteriorating and it is suspected that contaminants may be in the eye wash solution. The units that are currently in use may also have the same issue. Therefore, we are recommending that the eye wash is not used until they can be inspected and it is verified that they are safe for use. If work activities require the use of an eye wash station, a different type of eye wash should be used until these units are inspected and determined to be safe for use.



Important Points:

- Fendall Pure Flow 1000 eye wash stations may contain contaminated eye wash solution that if used could cause injury.
- These eye stations should not be used until they can be inspected and it has been verified that they are safe to use.
- If work activities require the use of an eye wash station, a different type of eye wash should be used.

Contributors:

- Deteriorated coatings on the saline cartridge.

JIT-LL bulletins are prepared based upon preliminary information in order to rapidly communicate important safety related information in the interest of preventing similar events. This bulletin may be revised or a lessons learned may be issued upon receipt of additional information resulting from related event investigations and/or accident reports. Questions? Send Email to "Hanford Lessons Learned"

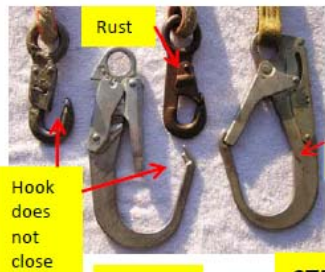
Other Important Considerations - Prevent Events

| Managers/Supervisors | Workers |
|---|--|
| <ul style="list-style-type: none">• Inform all workers that eye wash stations that use the Fendall Pure Flow 1000 Eye Wash Saline cartridges are not to be used until inspected and approved by management.• Remove all Fendall Pure Flow 1000 Eyewash stations from service for inspection.• Do not replace eye wash solution with Fendall Pure Flow 1000 Saline Cartridges until they have been thoroughly inspected. | <ul style="list-style-type: none">• Do not use Fendall Pure Flow 1000 eye wash stations until they have been inspected and approved for use by management. |

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Weld mark



STEP ONE - HOOKS

Hooks must automatically close and lock. Look for rust, bent gates, weld marks, cracks etc.

Sheet metal screws inserted in the shock pack to hold it together – NOT ALLOWED!!!



OTHER-

No alterations to the equipment is ever allowed!!

STEP THREE – STITCHING

Inspect all stitching. Look for cut or missing threads or burns over the threads



STEP TWO – SHOCK PACKS

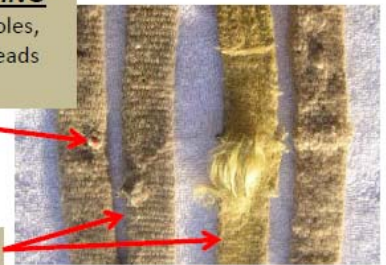
Shock packs can not be deployed or opened, not even a little



STEP FOUR – WEBBING

Look for burns, cuts, holes, snags, red warning threads fading etc.

Red Warning threads



Snags and cuts

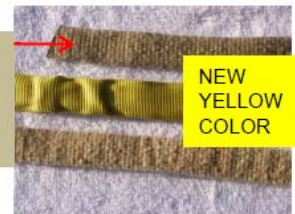


No damage to the outer shell or case of the shock pack



Need to be able to read safety warnings or have access to them at other source.

Discoloration is an indication of UV damage and age of lanyard.



NEW YELLOW COLOR

Daily Harness Inspection

STEP ONE- TAGS

Look for tags and be sure you understand the information on the tag. Keep track of the age of your harness



Step TWO- inspect stitching
inspect all stitches, looking for torn, cut or burned threads



STEP THREE- HARDWARE

Look for cracks, rust, oxidation, bending, weld marks etc. Be sure all grommets are present and buckles function appropriately



Reduction in size due to stretching of the web

STEP FOUR- WEBBING

Look for cuts, burns, tears, worn areas, as well as stretching, and size reduction, holes and missing parts.




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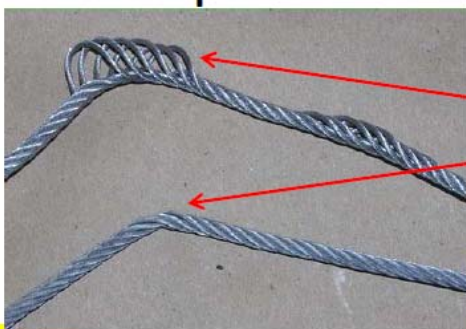


STEP ONE – HOOK Check for weld marks, rust, gate damage

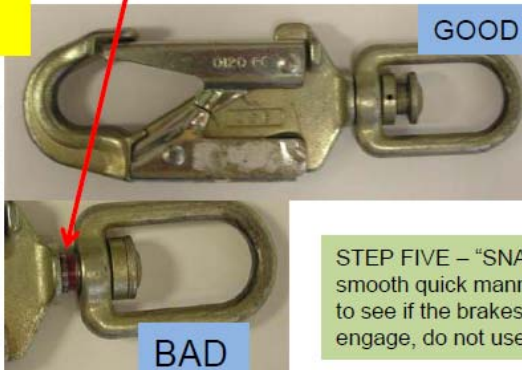
Weld marks on hooks

Rust

Hook does not close




Look for bird caging, kinks and broken wires




STEP TWO – LOAD INDICATORS
Look for the load indicator – many times it will show red when bad

GOOD

BAD



STEP THREE – CABLE OR WEB
Look for damaged cable or web. Twisted wire, bird caged cable, burns in the cable, core damage



STEP FOUR – HOUSING
Look for missing bolts, cracks, dents, Missing safety labels and other damage

STEP FIVE – “SNATCH TEST” Pull cable out in a smooth quick manner to simulate a fall, checking to see if the brakes engage. If they do not engage, do not use



IS YOUR FORKLIFT TRAINER REALLY QUALIFIED?

When you are preparing to fly out on vacation would it be comforting to know that your pilot was well trained, with thousands of hours in the cockpit? If so, then I bet you would also hope that the person who trained him/her was also highly skilled and qualified.

Now enter the world of forklift training. Although I feel things have gotten better since I entered the industry in 1991, there is vast room for improvement, in my opinion, with regard to qualifying forklift trainers.

Here are some problems that exist today:

- 1) What qualifies your trainer as a trainer? Many trainers have received little, if any, training on the applicable standards, how to educate adult learners, how to motivate people to work safe, how to hold trainees interest and most importantly exactly how to do the job they are expected to do. Any forklift operator should make a decent trainer, right? Wrong, it takes the right people to make good forklift trainers. I see ads on the internet claiming that anyone can become a forklift trainer by reviewing some PowerPoint slides. No qualification worth having is quick and easy. Don't think that just because your trainer went to a one day seminar at the local forklift dealer five years ago that they are qualified to instruct, many are not qualified to do much more than insert a DVD into the player, unfortunately. Let's put it this way, if you are charged with a serious crime, would you trust your life and freedom to a lawyer who got his degree in one month, or would you want the one who took the time to learn the trade correctly?
- 2) How impartial is your trainer? I have seen companies with hundreds of forklift operators who in many decades have never had an operator not pass their training. I am not a skilled gambler, but I know the odds are not in favor of everyone being qualified with that number of people over time. Here is the problem, which is even worse in union facilities, if you have to keep your neighbor or your fishing buddy off the truck due to their lack of skills or failure to use good judgment; you have just lost them as a friend. It is extremely hard to be impartial with people you work with every day, since it is hard to separate the person from their skills, unfortunately this can promote a very unsafe environment.
- 3) How much does your trainer train? One lesson I have learned from golf is that you must practice for your skills to stay sharp. If you play golf twice a year how sharp is your game going to be? If you play every week you can expect to play at a much higher level. The same can be said for forklift trainers, you either use it or you get rusty, even larger companies with lots of operators don't necessarily get all their trainers the reps they need to stay well oiled and current. You would not want to go to a doctor who had no continuing education for the last ten years, as he would not be up to speed on the latest things in saving lives, in the same way, when did your trainer receive their last education update?

The moral of this story is to look deeper than the letter of the law to see if your trainer really knows the way, shows the way and goes the way or if they are just going through the motions for the sake of minimum compliance?

The author, David Hoover, is the President of Forklift Training Systems, a PPSA vendor member and a national supplier of quality forklift and aerial lift training and Train-The-Trainer classes/training materials. He can be reached at 740-763-4978 or dhoover@forklifttrainingsystem.com See www.forklifttrainingsystem.com for more information.



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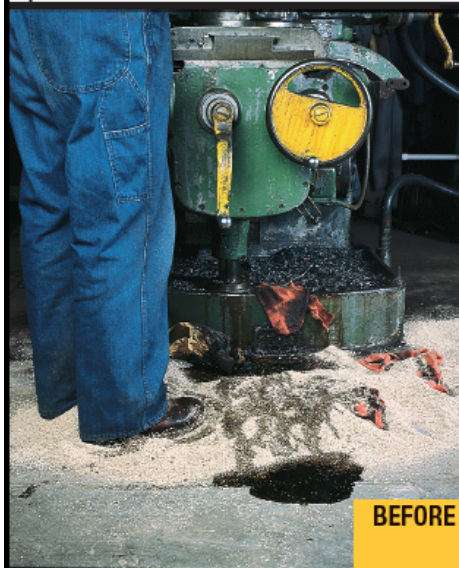
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Complete the form to request an on-site Environmental Survey audit performed at your facility.

A Brady representative will contact you to discuss your absorbent needs and schedule an audit.

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AFTER

The Right Place at the Right Time

Sometimes significant events occur with no explanation other than people are in the right place at the right time. On August 20, 2009, such an event took place. The right people were in the right place at the right time to save a life at the TIN Particle Board plant in Hope, Arkansas.

Mid-afternoon, on a very hot and humid day in southwest Arkansas, several contractors were working in the plant. One task was to vacuum-out the press pit. A subcontractor from Monroe, Louisiana assigned to this job and had been working since early morning. Even in the best circumstances, this work is very strenuous and physically taxing. The work was magnified that day by the weather conditions. For one of the subcontractor's employees this day was a turning point in his life.

James Cole, Reliability Engineer from Diboll, and Ronald Pettigrew, Reliability Supervisor at Hope, were in a Motor Control Center (MCC) checking motors when they thought they heard someone shouting, "Hey!, Hey!, Hey!". They stopped what they were doing and listened briefly but did not hear it again, so they resumed working only to hear the faint cry again. This time when they stepped out of the MCC to investigate, they saw a contractor employee cradling one of his co-workers in his arms shouting, "Help! He's not breathing." A call went out over the radio ... a man was down!

Immediately, Cole began to assess the patient for vital signs and to determine if Cardio Pulmonary Resuscitation (CPR) was needed. Within fifteen seconds, several trained responders were on the scene. Cole remembered learning about the importance of early Automatic External Defibrillator (AED) intervention and asked if one was available. After being told the AED was in the First Aid room, Cole, along with Pat Muldrew, plant Safety Manager, left to retrieve the AED.

Meanwhile, Mike Boswell started CPR respirations while Jeremy Block and Jarod Inscore administered compressions. When Cole returned with the AED, CPR was stopped. The AED was used to analyze the patient. Upon receiving a shock advisory from the unit, the shock was delivered. After the AED determined no further shocks were advised, the unit instructed the rescuers to continue CPR. The patient had no pulse so Boswell resumed respirations and other employees continued compressions. Finally, after a few minutes, the patient began exhibiting signs of life and attempts to breathe on his own.

While the patient never regained consciousness while on the scene, his color improved by the time the ambulance arrived. Ambulance personnel packaged the patient up for transport and loaded him into the ambulance. Advanced cardiac life support measures were instituted in route to the hospital.



Later that same day, the Emergency Room physician who treated the victim called the plant commending the employees for the successful resuscitation of the man who had suffered a massive heart attack. The doctor was convinced his patient was very lucky to have been in the vicinity of properly trained responders when this event occurred.

The man's son came to the plant the next day to personally thank the employees who saved his father's life. He knew the results would have been tragically different had the right people not intervened. Cole had just recently been CPR certified by the Diboll Fire Department. Several other responders were trained as part of a company effort as well ... proof positive that you can make a difference.

While interviewing several employees involved in this incident, the comment was made about things you do during the "heat of the moment." Properly trained, "ordinary" people doing extraordinary things during an emergency are why this man is alive today.



James Cole



Jarod Inscore and Jeremy Block

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SAFETY INCIDENT ALERT

| | | | |
|--------------------|---|--|------------------------------------|
| Facility Name | Paper Mill | Date / Time of Injury | 4/6/10 |
| Department | Production | Crew/Shift | "B" Shift |
| Injury Description | Minor burns to arm, face and neck—First Aid | Person Preparing Alert | |
| Incident Severity | <input type="checkbox"/> Recordable | <input type="checkbox"/> Restricted Time | <input type="checkbox"/> Lost Time |

Description

An employee was operating a Linde Diesel Clamp truck when it overheated. The employee unscrewed the cap off the plastic overflow reservoir for the radiator. The employee did not know that unlike most conventional radiator fluid overflow reservoirs the Linde system was pressurized. The employee unscrewed the cap to the plastic reservoir quickly and did not allow the pressure to dissipate before the cap blew off spraying her with hot glycol. Fortunately, the incident resulted in only minor burns to the arm face and neck with no blistering and required only First Aid treatment.

Investigation Results

Although most people interviewed did not realize plastic coolant reservoirs can be pressurized, research found that this particular truck's system is designed for it to be pressurized. **The cap should not be removed while the unit is hot.**

Root Cause

Lack of knowledge of equipment hazards and training to prevent reoccurrence.

Corrective Action Plan

- Communicate the incident in safety tool box talks;
- Caution employees not to remove the plastic reservoir cap of a unit that is overheating;
- Cool the unit down with an air wand to reduce the temperature before opening the cap;
- Add labels to affected trucks with large lettering on the cowl by reservoir caps that say, "Caution: Do Not Open when Hot! — Contents Under Pressure".

Photos





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Dr. Greg Merrell is a surgeon at the Indiana Hand Center, the largest free-standing hand surgery center in the country. The facility is also the nation's leading training center for hand surgeons.

In an interview that appeared in the twice monthly *OSHA Compliance Advisor* newsletter, Merrell shared his thoughts on the primary causes of hand injuries, plus valuable tips to help employers and employees avoid them and their potentially devastating impact.

The two primary types of workplace hand injuries are traumatic events and overuse or repetitive-motion injuries. According to Merrell, amputations and other serious injuries typically occur because of a lack of experience or training. He cited a recent patient, a young man who was assigned to work on a machine that stamps out truck mud flaps. The worker had been placed by a temporary agency, and he had little training and experience with the equipment.

Following a horrible accident, Merrell was able to reattach the worker's arm. "The company had no business putting him on that machine," Merrell said.

Current economic conditions may worsen the risk. Employers may hire less experienced people to fill positions once held by more seasoned workers "if and when things come back around," Merrell said. In other cases, workers who are retained may be assigned to tasks with which they are less familiar, thus increasing the chance for injury.

Merrell is skeptical about the direct link between work activities and conditions such as carpal tunnel syndrome, whether on the production floor or in the office. He points to a number of studies that cast doubt on the strict workplace cause of these ills. Instead, he believes the conditions usually result when other risks are present, such as severe cold, exaggerated wrist position, or excessive grip/force requirements. Merrell also notes the effect of nonwork activities such as gardening and sports, as well as the overall aging of the population. Younger tendons are better able than older tissue to sustain repetitive work, lifts, etc.

Whatever the causes, there are a number of steps employers can take to help reduce the risk of hand injuries and to minimize the impact of those that do occur. Merrell's recommendations include the following:

1. Recognize the value of experienced workers, especially on high-risk equipment.
2. Invest in workplace safety training. "It can't pay off enough."
3. Identify opportunities to increase the comfort and ergonomics of tools. Find ways to decrease the amount of force workers must apply to create and assemble parts. Merrell says a good industrial engineer will pay for his or her presence in your workforce many times over in terms of safety and reduced absenteeism.
4. Cross-train employees and rotate them during the day, or between shifts, so that they are using different muscle/tendon groups. This will help increase job satisfaction and can decrease the risk of injuries, especially among older workers.
5. Consider an on-site occupational health nurse. Merrell says the presence of a caring, competent nurse communicates to workers that their employer cares about their comfort and safety.

Establish a plan, along with your workers' compensation carrier, for how you will manage hand injuries. Some businesses acknowledge that, even though the ailments may have been caused by nonwork factors, they can be claimed through workers' compensation. This shows that an employer values the employees and their overall well-being.

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Safety Alert

On the morning of 8-19-09 we had a near-miss on the 125" die-cut. A production employee was turning the power on to the pre-feeder when the panel arced and exploded. Fortunately, no one was hurt. It appears that a loose connection was the likely cause.

This is a perfect example of why you should always stand to one side when powering electrical equipment up or down. This also demonstrates why you should always be sure to completely tighten the latches and screws on a panel after servicing. This door was properly latched and did not come open after the explosion. The picture shows the door open to demonstrate the force of the explosion (please notice the bowed door).



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Eye on Ergonomics

Agile Ankles (4.3)

Better Boots

- Our boots are an often overlooked piece of safety gear. When is the last time you made sure your boots are providing a strong foundation to work from? Take a minute and complete our better boot check-up:



- Do you have ankle or foot pain? Could it be from your boots?
 - Do your legs feel heavy and tired? Do they feel like they have been working overtime?
 - Have you looked at the inside of your boots? Is any of the material breaking down?
 - Does your boot still grip your heel and provide support or do you find your foot sliding around in your boot?
 - Is your insole still intact? Does it still provide cushioning?
 - Have you replaced your insoles in the last 3-4 months?
 - Have you considered in-shoe orthotics or aftermarket insoles to increase cushioning and ankle support?
- **VERY IMPORTANT:** Boots can look perfect on the outside but can have crumbled on the inside. Your soles and insoles can also look fine but may have lost their shock absorption capabilities (much like running shoes).
 - Is the heel of your boot flat or is it uneven and worn?
 - Is part of the tread worn flat or missing? You could be setting yourself up for a slip, trip or fall.
 - **VERY IMPORTANT:** Don't wait for the outside of your boots to fall apart before getting a new pair. Generally, if you are on your feet for 8-12 hours per day, boots will only last 8-12 months.
 - If you are thinking of buying new boots, buy your boots at the end of a shift – our feet swell over the workday.
 - As well, don't focus on the cost. Focus on the quality of the boot construction. Over the lifetime of your boots, an extra \$100 is a good investment in your back, hips, knees, ankles and feet.
 - Always remember, when your feet hurt, you hurt all over.

High Mileage Drivers (4.3)

Your mobile workshop

- One of the most important things to understand about driving is that prolonged sitting in a vehicle, with your back slightly slouched can cause the 'shock absorbers' of our back to get a little out of position.
- If you drive for a while, then jump out and start lifting or unloading tools or equipment, your back is at a higher risk of injury.
- If driving and handling heavy items are a part of your job, here are a few questions to help you think about protecting your body and your back:
 - ✓ After driving and exiting your vehicle, do you take at least 2-3 minutes after exiting your vehicle before you lift anything heavy?
 - ✓ If you have to lift items more than 50 pounds as part of your job, have you looked into lift assists that could help you? Consider something like a Spitz Lift (<http://www.truckcrane.net/about.htm>).
 - ✓ Are the materials in the back of your vehicle organized to ensure that frequently used items and the heaviest items can be accessed easily without working hunched over in the back of your truck? Consider truck bed options such as a cargo slide (<http://www.truckcargobed.com/gorilla/gorilla.html>).
 - ✓ Do you have a dolly or something else that is easily accessible if you have to carry bulky items more than 10 feet?
 - ✓ Do you do any preventative maintenance for **your** body (e.g. core stability exercises or strength training)?
 - ✓ If you have to use your truck as your work bench, have you looked into truck accessories (e.g. detachable work platforms or vice) to help you work in neutral posture?



For additional tips and information on *Industrial Toolbox Talks* click on the following link:
[Take Responsibility \(http://ergorisk.com/index.php?option=com_content&task=category§ionid=1&id=26&Itemid=54\)](http://ergorisk.com/index.php?option=com_content&task=category§ionid=1&id=26&Itemid=54)

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Our Vendors

Our vendor members are an important part of the Pulp & Paper Safety Association. Through your participation and support, member locations in our industry have improved opportunities to keep up on safety events, regulations, emerging issues, the availability of resources, goods and services along with the chance to meet informally and benchmark on safety applications and results.

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Contact:
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Secretary/Treasurer

John_Sunderland@BKITECH.com

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About our Organization**Membership Information**

Membership in the Association is by operating facility, such as a paper mill, sawmill, woodlands, etc. Approximately 380 operating facilities are currently members. Annual Membership is based on employee numbers. 1-50 employees is \$100, 51-100 employees is \$150, 101-200 employees is \$200, 201-500 is \$250 and 501 and up is \$300. Please remember that each location must have its own membership. We do not have any corporate members. Vendors are \$275

Membership in the Association has many advantages:

- Participation in the Annual Health and Safety Conference and service as a member of the Board of Directors provides an opportunity for personal and professional growth.
- The Pulp and Paper Safety Association is the ONLY national organization exclusively concerned with accident prevention in the pulp, paper, converting, recycle and forest product industry.
- The annual Conference provides great face-to-face networking opportunities.
- The Quarterly Report provides a way of bench-marking your own performance with others in similar operations.
- The Awards program provides a prestigious form of recognition to outstanding short-term and long-term safety performance by operating categories.
- The Association is an excellent forum for keeping up with latest OSHA standards.
- In-depth information on specific subjects is increasingly available at regional seminars. The cost of these seminars is minimized by virtue of holding them on a regional basis.
- The annual conference provides a fine external motivational boost to hourly Safety Committee members as recognition for their active participation in your safety program.
- The cost of membership is the lowest of any association to our knowledge.
- The attendance of vendors at our annual conference allows safety people to keep up with the latest safety equipment, tools and training.

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