

OSHA Basics for Dairy Farms



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My Background

- Mary Bauer
 - 25 years w/ OSHA
 - IH/ Safety
 - CIH: Certified Industrial Hygienist
 - CSP: Certified Safety Professional
 - 1000 + Inspections
 - Grew up on Dairy Farm 35 Milk Cows



Objectives

- How to spell "OSHA"
- What OSHA does Mission
- Who OSHA has jurisdiction with
- Standards and Hazard in Dairy/Agriculture
- OSHA Enforcement Process
- OSHA Outreach
- Question & Answers



OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION

OSHA

- Occupational
- Safety and
- Health
- <u>A</u>ct

Williams-Steiger Act - 1970

William Steiger – Congressman from Oshkosh, WI

• OSH Act was signed Dec 29, 1970 by President Richard Nixon



OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION

OSHA's Mission

• To assure so far as possible every working man and women in this nation a safe and healthful working conditions





Prior To OSHA

- Walsh Healy Act
 - Safety Provisions for government contracts.
- Non-Regulatory:
 - NSC: National Safety Council
 - ANSI: American National Standards Institute
 - NFPA: National Fire Protection Association
 - ACGIH: American Conf. of Gov't Ind. Hygienist



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Major Employer Responsibilities



- Provide a workplace free from recognized hazards
- · Comply with OSHA standards and regulations
- Be familiar with standards applicable to their workplace



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Employee Rights

- · Request OSHA investigation
- Name withheld from ER -complaint
- Talk with compliance officers
- · Participate in inspection and after inspection action.
- Offered Whistleblower Protection 11(c)



Employee Rights

- 前網流前
- Review OSHA standards, rules and regulations available in the workplace.
- Request information from ER on S&H hazards, precautions, emergency procedures.
- Receive adequate training and information



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OSHA Coverage

- Private Sector Employees
 - Manufacturing
 - Construction
 - Maritime
 - Health Care
 - Warehousing



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OSHA does **NOT** cover

- Self Employed
- Farming
 - Immediate Members of the Families
 - 10 or less Employees unless Temporary Labor Camp
- · If another agency has jurisdiction
 - FAA, RR, DOT, NRC, MSHA, EPA
- · Public Employees



Appropriations Rider Issues: CPL 2-0.51J

- A "farming operation" means any operation involved in the growing or harvesting of crops, the raising of livestock or poultry, or related activities conducted by a farmer on sites such as farms, ranches, orchards, dairy farms or similar farming operations. These are employers engaged in businesses that have a two digit Standard Industrial Classification (SIC) of 01 (Agricultural Production Crops), 02 (Agricultural Production Livestock and Animal Specialties), and four digit SIC 0711 (Soil Preparation Services), 0721 (Crop Planting, Cultivating, and Protecting), 0722 (Crop Plarvesting, Primarily by Machine), 0761 (Farm Labor Contractors and Crew Leaders), and 0762 Farm Management Services).
- A "temporary labor camp" means farm housing directly related to the seasonal or temporary employment of farm workers.



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Appropriations Rider Issues

- A farming operation is exempt from all OSHA activities if it:
 - Employs 10 or fewer employees currently and at all times during the last 12 months; and
 - Has not had an active temporary labor camp during the proceeding 12 months.

Family members of farm employers are not counted when determining the number of employees.

Part Time Employee is counted as "1" employee.



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Standards Relating to Agriculture

- 29 CFR 1928: Agriculture
- http://www.osha.gov/pls/oshaweb/owasrch.search_form?p_doc_type=STANDARDS&p_toc_level=1&p_keyvalue=1928
- 29 CFR 1910: General Industry: As Referenced
- http://www.osha.gov/pls/oshaweb/owasrch.search_form?p_doc_type=STANDARDS&p_toc_level=1&p_keyvalue=1910
- General Duty Clause Section 5(a)(1)



Recordkeeping

• Employers of 11 or more employees must maintain records of occupational injuries and illnesses





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1904.2 -Recordkeeping

• All industries in agriculture, construction, manufacturing, transportation, utilities and wholesale trade sectors are covered



- 1904.1 Size Exemption:
 - If your company had 10 or fewer employees at all times during the last calendar year, you do not need to keep the injury and illness records unless surveyed by OSHA or BLS





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Agricultural Standards: 1928

- 1928.51
 - Roll-over protective structures (ROPS) for tractors used in agricultural operations.
- 1928.57
 - Guarding of farm field equipment, farmstead equipment, and cotton gins.
- 1928.110 Field Sanitation.

Employee Operating Instructions 1928 Subpart C App A

- 1. Securely fasten your seat belt if the tractor has a ROPS.
- Where possible, avoid operating the tractor near ditches, embankments, and holes.
- 3. Reduce speed when turning, crossing slopes, and on rough, slick, or muddy surfaces.
- 4. Stay off slopes too steep for safe operation.
- 5. Watch where you are going, especially at row ends, on roads, and around trees.
- 6. Do not permit others to ride.
- 7. Operate the tractor smoothly no jerky turns, starts, or stops.
- Hitch only to the drawbar and hitch points recommended by tractor manufacturers.
- 9. When tractor is stopped, set brakes securely and use park lock if available.



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General Industry When Referenced in 1928.21(a)

- 1928.21(b) Except to the extent specified in paragraph (a) of this section, the standards contained in Subparts B through T and Subpart Z of part 1910 of this title <u>do not apply to agricultural operations.</u>
- 1928.21(a): The following standards in part 1910 of this Chapter shall apply to agricultural
- 1928.21(a)(1): Temporary labor camps 1910.142;
- 1928.21(a)(2): Storage and handling of anhydrous ammonia 1910.111(a) and (b);
- 1928.21(a)(3): Logging Operations 1910.266;
- 1928.21(a)(4): Slow-moving vehicles 1910.145
- 1928.21(a)(5): Hazard communication 1910.1200
- 1928.21(a)(6): Cadmium 1910.1027
- 1928.21(a)(7): Retention of DOT markings, placards and labels 1910.1201



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General Duty Clause

- Section 5(a)(1) of the Act
- ...that each employer shall furnish...employment and a place of employment which are free from recognized hazards that are causing or are likely to cause death or serious physical harm to his employees."



Applies when there is no specific standard





General Duty Clause Elements

Employee Exposure

Serious Hazard

Knowledge

Abatement Method

Recognition



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Common Hazards

- Toxic Substances/Airborne Dusts
- Electrical
- Fall
- Hazardous Waste / Hazardous chemicals
- Fire and Explosion
- Dangerous Atmospheres
- Machine Guarding
- Confined Space
- Lockout Unexpected Energy Release





OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION

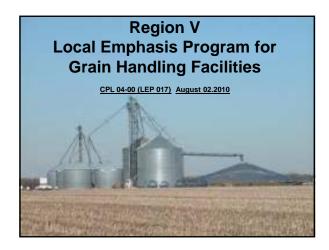
Top Four Construction Hazards 90% of Injuries and Deaths

- Falls, (e.g., floors, platforms, roofs)
- Struck by, (e.g., falling objects, vehicles)
- Caught in/between (e.g., cave-ins, unguarded machinery, equipment)
- Electrical (e.g., overhead power lines, power tools and cords, outlets, temporary wiring)











S&H Top Hazards: Grain LEP

- Engulfment
- Auger Entanglement
- Struck By
- Fall Protection
- Electrocution



Machine Guarding: 1928.57

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1910.147: Control of Hazardous Energy Lockout-Tagout (5a1)

- Written LOTO Procedures
 - Some equipment is exempt
- Individual Employee Protection (Locks)
- Change/Authorized Lock Removal
- Annual Audit





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Personal Protective Equipment (PPE): 5a1

- 1910.132 Hazard Assessment
 - Required PPE
 - Written Certification
 - Training



- Specific Requirements
- 1910.133 Eye / Face
- 1910.135 Head
- 1910.137 Electrical
- 1910.95 Noise
- 1910.134 Respiratory
- 1910.136 Foot
- 1910.138 Hand

1910.146 or 1910.272: Permit Required Confined Spaces (5a1)

- · Identify Permit Required C.S. in workplace
- · Prohibit Unauthorized Entry
- Written Program
- Entry Procedures
 - Entry Permit
 - Alternate Procedures
 - Reclassify to "Non-Permit Required"
- Annual Audit

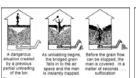


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Handling Bridged Grain! 1910.272(g)(iv)(6) Violation

If grain bridges:

- Stop the auger
- Break up the bridge with a long wooden pole (not metal)





"...entrapment and burial can occur within seconds"

Manure Pits-Lagoons (5a1)

- Established Standard:
 - American Society of Agricultural and Biological Engineers (ASABE)
 - ASEA EP470 Jan 1992 (R2005)
 - Manure Storage Safety
 - Waste Storage Facility
 - National Resources Conservation Service
 - Code 313
- Hazard: Hazardous Atmosphere, Falls



Entry Concern OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION





1910.178: Powered Industrial Trucks Forklifts: Skid Steers (5a1)

- Operator Training
 - Capacity / Stability / Operator Inspections
 - Workplace Topics / Surface Conditions
 - Refresher Training
- Evaluation of Performance
 - At Least Every Three Years
- Written Certification



Powered Industrial Vehicles Not Included in Agriculture

- http://www.osha.gov/pls/oshaweb/owadisp .show_document?p_table=INTERPRETAT IONS&p_id=22785
- the final rule of §1910.178 did not amend §1928.21(a) to add §1910.178 to this list of applicable general industry standards. Thus, for those employments, which are "agricultural operations" under Part 1928, §1910.178 does not apply.



1910.1200 Hazard Communication

- Material Safety Data Sheets
 - Hazards of Chemical (Flammable, Toxic...)
 - Personal Protective Equipment
- Labeling
 - Specific Chemicals
 - Types of Chemical Hazards
- Training
- Written Program



BLITZ

Dairy Inspection: Fatality Available on Website

- Val-O-Farms, Inc.
- http://www.osha.gov/pls/imis/establishment.inspection_detail?id=313176083

					Vi	olation Ite	ms			
	ID	Type	Stand	ard	Issuance	Abate	Curr\$	Inits	Ftas Contest	LastEvent
. 1	01001	Serious	5A0001		03/26/2010	05/05/2010	\$1260	\$2100	\$0	I - Informal Settlemen
1.1	01002	Serious	5A0001		03/26/2010	04/21/2010	\$900	\$1500	50	I - Informal Settlemen
3. 1	01003	Serious	5A0001		03/26/2010	06/18/2010	\$900	\$1500	\$0	I - Informal Settlemen
4. 1	01004	Serious	5A0001		03/26/2010	04/28/2010	\$450	\$750	\$0	I - Informal Settlemen
j. j	01005A	Serious	19101200	E01	03/26/2010	06/18/2010	\$360	\$600	50	1 - Informal Settlemen
5. (01005B	Serious	19101200	G01	03/26/2010	06/18/2010	50	\$0	50	I - Informal Settlemen
1.	01005C	Serious	19101200	H01	03/26/2010	06/18/2010	\$0	\$0	\$0	I - Informal Settlemen
3. 1	01006	Senous	19280057	801 III	03/26/2010	04/28/2010	\$450	\$750	\$0	I - Informal Settlemen
1.	02001	Other	19280051	D	03/26/2010	06/18/2010	\$0	\$0	50	I - Informal Settlemen

Basic Strategic Goals

- Strong, fair & effective enforcement
- Outreach, education, and compliance assistance
- Partnership and other cooperative programs



Inspection Priorities

- Inspection Types:
 - ID Imminent Danger
 - FAT/CAT-(Fatality/Catastrophe)
 - Complaint / Referral
 - General Schedule



Fatality / Catastrophe

- Fatality: One or more
- · Catastrophe:



-3 or more Hospitalized (admitted)

ER must report to OSHA w/in 8 hours. OSHA Hotline. 1-800-321-OSHA



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OSHA Emergency Hot-Line 1-800-321-OSHA

- · Hot-line for reporting workplace safety or health emergencies
- Provides a 24-hour point of contact to report imminent dangers on the job



Complaints

- Formal
 - Signed by a present employee or representative of employee
 - Request on-site inspection
- Non-Formal or Investigation
 - Phone/Fax
 - ER responses in writing in 5 days

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Referral

- Another Agency
 - Wage & Hour has Temporary Camp Jurisdiction and can refer to OSHA
 - Police or Coroner
 - UW-Extension
- Another CSHO
- Self-Referral "Drive-By"
 - Limited in Dairy



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Drive - By Self Referrals



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General Schedule

- General Industry
- Construction
- Emphasis Programs
 - LEP
 - NEP
 - SEP
 - Lead, Falls, Silica, Isocyanates, Plating, Concrete, SST, PIV
 - Dairy: Concentrated Animal Feeding Operation (CAFO)



CSHO

- Compliance Safety and Health Officer
- Safety and/or Health Disciplines
- Authorized to Enter Workplace Without Advanced Notice
- Inspect & Investigation Conditions
- Question Privately Employees and Employer



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On-Site Inspection

- · Presentation of Credentials
- Opening Conference
- Records Review
- Program Review
- Walkaround
- Closing Conference



Legal Sufficiency -**Documentation of Violations**

- Violation:
 - Exposure to Hazard
 - Activity
 - How often
 - Training
 - Exact Distances
 - Hazard Cause Harm
 - Employer Knowledge
 - Existing Standard



Post Inspection Element

- Citation Issuance
 - Classification
 - Penalties
- Appeal Process
 - Informal Conference
 - Contest Rights
- Final Order
- Abatement Submission



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Administrative Penalty Changes

http://www.osha.gov/dep/administr ative-penalty.html

Background

- OSHA penalties have not been adjusted for several decades
- Work group assembled to evaluate the Agency's penalty policies
- Conclusion of the work group current penalties are too low to have an adequate deterrent effect
- New changes announced April 22, 2010

Administrative Penalty Changes

- 1. Gravity-Based Penalty 7. Repeat Violations
- 2. Size
- 3. History
- 4. Good Faith
- 5. Increased Minimum Penalties
- 6. Severe Violator **Enforcement Program**
- 8. Informal Conference Consideration
- 9. Application of penalty adjustment factors

Gravity-Based Penalty

Current	New
\$5,000 or \$7,000	\$7,000
\$3,500	\$6,000
\$2,500	\$5,000
\$2,500	\$5,000
\$2,000	\$4,000
\$1,500	\$3,000
	\$5,000 or \$7,000 \$3,500 \$2,500 \$2,500 \$2,000

Size				
	Current Reduction	New Reduction		
1 - 25	60%	40%		
26 - 100	40%	30%		
101 - 250	20%	10%		
251 or more	None	None		

	<u>New</u>
Inspected and no SWRF citations in the previous 5 yrs	10% reduction
Inspected and HG citations issued in the previous 5 yrs	10% increase
Never inspected or no HG citations in the previous 5 yrs	No reduction or increase
	SWRF citations in the previous 5 yrs Inspected and HG citations issued in the previous 5 yrs Never inspected or no HG citations in

Good Faith

- New policy will retain evaluating an employers safety and health program
- The additional 10% reduction for participation in a strategic partnership has been eliminated

Increased Minimum Penalties

- Minimum penalty for a serious is increasing from \$100 to \$500
- Minimum penalty for a posting violation will increase from \$100 to \$250 if the company was previously provided a poster by OSHA

In effect 10-1-2010

- All inspections with an opening conference date on or after 10-1-2010 will be under the new calculations
- All prior to 10-1-2010 opening conference dates will be under the old policy

Severe Violator Enforcement Program

- Modifies guidance for grouping related HG serious violations and permits citing each with its own penalty
- AD may limit adjustment for SVEP related violations to achieve the appropriate deterrent effect

Repeat Violations

Current

Proposed if a final order citation in the previous 3 yrs

New

Proposed if a final order citation in the previous 5 yrs

Informal Conference Consideration

Current

New

-AD may reduce penalty up to 50%

- AD may reduce penalty up to 30%. >30 % reduction requires RA

approval

Greater than 50% requires RA approval

- AD may offer an additional 20% if an outside H&S consultant is hired

- No longer allow penalty reduction when employer has an outstanding balance owed to OSHA at this establishment or others. If on a penalty plan, penalty reduction may be granted.

Application of Penalty Adjustment Factors

- All penalty reduction factors summed and multiplied by the Gravity-Based Penalty (GBP)--currently
- Penalty adjustment factors will be applied serially to the GBP---new policy

Serial adjustment

 Sample Moderate Gravity Penalty Comparison: Summed versus Serially Calculation

 Sample Data
 Summed
 Serially*

 High/Lesser
 \$5,000
 \$5,000

 History (10%)
 \$4,500 - 10%

 Good Faith (15%)
 \$3,825 - 15%

 Quick Fix (15%)
 \$3,251 - 15%

 Size (30%)
 10% + 15% + 15% + 30% = 70%
 \$2,275 - 30%

 Result
 \$1,500
 \$2,275*

Impact

- Medium size employer 50 employees
- Received a serious (HG) citation four years ago
- Good safety program

Serious Violation High Severity Lesser Probability

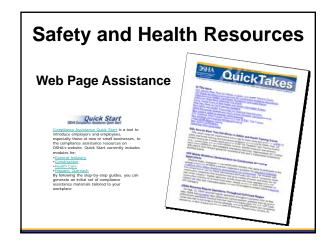
- Old System
- \$2500
- History -10%
- Good Faith -15%
- Quick Fix -15%
- Size -40%
- \$500

- New System
- \$5000
- History +10% \$5500
- Good Faith 15% \$4675
- Quick Fix -15% \$3973.75
- Size -30%
- \$2781.62

Summary

- Dairy Farms will be inspected
- Hispanic Outreach Emphasis Program
- Training Critical:
 - In the language understood
- Documentation Important









Web Page E-tools

The E-Tool provides a detailed review of the technically complex requirements of a particular standard or issue; inform employers of their obligations to develop the appropriate hazard prevention and control methodologies; and the E-Tool seeks to clarify specific topics that are often questioned or misunderstood by explaining the requirements, referencing OSHA interpretation letters and related industry consensus standards and highlights some best practices.

Provides useful ways of empowering workers to understand the steps their employers must implement in order to provide them with a safe and healthful work environment.

SAFETY AND HEALTH TOPICS

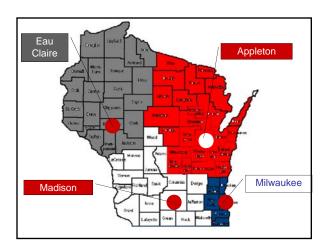
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Grain Handling



Outreach, Education and Compliance Assistance

- www.osha.gov
 - E-tools
 - Subject Index
- Compliance Assistance Materials
- OSHA Training Institute
- OSHA Training Grants (FISTA)
- OSHA CONSULTATION Service
- Compliance Assistance Specialists with in Area Offices (CAS)



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Wisconsin Compliance Assistance Specialists

Kelly Bubolz U. S. Dept. of Labor - OSHA 1648 Tri Park Way Appleton, WI 54914 (920) 734-4521

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Wisconsin Construction & Gen Industry Safety Newsletters

- Published 3-4 times each year
- Focuses on upcoming and hot topics
- Provides Regional fatality data and most frequently cited issues

November 2007 Volume S. Bone J.	U.S. Depostment of Leber			
	Wisconsin Construction Safety Newsletter			
Inside This	LINE Cyden			
Issue	On August 1, 207 the Secretar Highway 27 bridge in Historyck, 107 relayed are the Managar River, Nagoville 17 from two law has been			
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Construction	and flexible function. Call belows, were parameters deposited to the name of the temporal nor the faction of content of the se- nament recovery spectrum.			
Violations	4			

State Consultation Service

1-800-947-0553

- Provided at no cost to employers
- Developed for smaller employers with more hazardous operations
- Delivered by WiSCon or the State Laboratory of Hygiene
- No penalties are proposed or citations issued
- Possible violations of OSHA standards are not reported to OSHA enforcement staff unless employer fails to eliminate or control any serious hazard or imminent





Section 11(c)



Discrimination can include:

- Firing or laying off
- Blacklisting - Demoting
- Denying overtime or promotion
- Disciplining
- Denial of benefits
- Failure to hire or rehire
- Intimidation
- Reassignment affecting future promotions
- Reducing pay or hours



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QUESTIONS





Disclaimer

• This information has been developed by an OSHA Compliance Assistance Specialist and is intended to assist employers, workers, and others as they strive to improve workplace health and safety. While we attempt to thoroughly address specific topics or hazards, it is not possible to include discussion of everything necessary to ensure a healthy and safe working environment in a presentation of this nature. Thus, this information must be understood as a tool for addressing workplace hazards, rather than an exhaustive statement of an employer's legal obligations, which are defined by statute, regulations, and standards. Likewise, to the extent that this information references practices or procedures that may enhance health or safety, but which are not required by a statute, regulation, or standard, it cannot, and does not, create additional legal obligations. Finally, over time, OSHA may modify rules and interpretations in light of new technology, information, or circumstances; to keep apprised of such developments, or to review information on a wide range of occupational safety and health topics, you can visit OSHA's website at www.osha.gov.



