



SDSU Engineering Extension

OSHA Consultation

2017 Annual Report

Mission

The mission of SDSU Engineering Extension is to effectively implement the requirements of the Federal OSHA Consultation Program grant which is designed to assist private sector workplaces in the state with their technical safety and health needs for the purpose of protecting the employees in South Dakota's work force. In turn this leads to cost savings for businesses and benefits economic development.

What We Do:

The OSHA Consultation Program is the main focus of Engineering Extension. OSHA Consultation is separate from OSHA Enforcement; there are no fines or penalties levied for any safety or health hazards observed during the consultation. The service is confidential and no fees charged for the consultation.

Some of the Services We Provide:

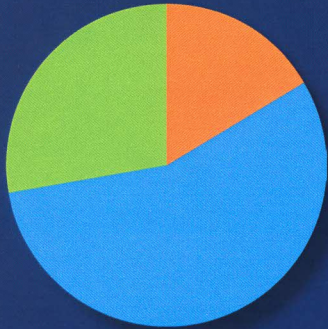
- Full service on-site safety and health surveys, or limited scope assistance tailored to your request
- Recommendations to control and eliminate safety & health hazards
- Training
- Assistance with OSHA regulations compliance, by phone, e-mail, or in person
- Safety and health program assessment
- Air sampling and analysis with interpretation of results
- Noise studies of the workplace with interpretation of results
- Recognition/exemption program (SHARP)
- Written program evaluation and assistance



**SOUTH DAKOTA
STATE UNIVERSITY**

Jerome J. Lohr
College of Engineering

Industry Sectors Served in 2017

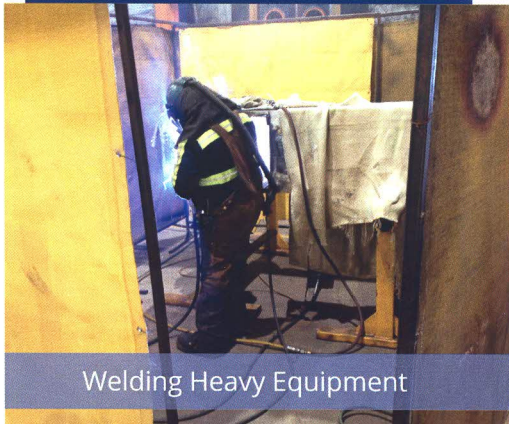


- Manufacturing [61]
- Construction [18]
- General Industry [30]

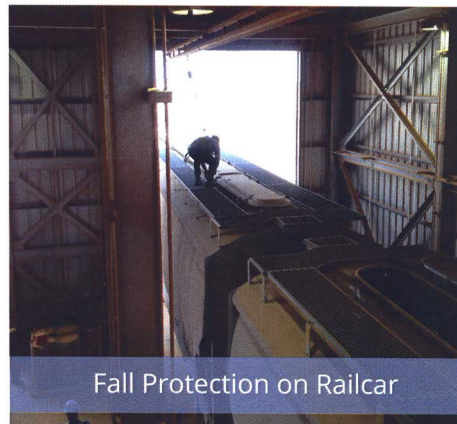
2017 Activities

In 2017, OSHA Consultation:

- Performed on-site consultation at **133** different workplaces representing over **11,000** employees.
- **723** serious workplace hazards were abated in South Dakota as a result of OSHA Consultation's visits and the commitment of the employers.
- Interacted with **242** different employers in the state, through on-site visits or by providing information over the phone, by email, or in person.
- Sampled the workplace noise exposure of **121** individuals.
- Sampled **219** individuals for exposure to air contaminants.
- Tested Carbon Monoxide levels in **33** establishments.



Welding Heavy Equipment



Fall Protection on Railcar



Air Sample Results

Funding

Federal FY	Federal Base Award	Federal One-Time Funding	State Match	Total
2015	535,600	120,544	82,456	\$738,610
2016	535,600	38,709	100,000	\$674,309
2017	535,600	0	100,000	\$635,600
2018	542,800	0	75,000	\$617,800



Personal Supplied Air System



Noise Monitoring

Advisory Board Purpose and Objectives

The purpose of the Advisory Board is to provide external input, feedback, and support to the Engineering Extension Office Management to ensure that the programs are effectively serving the needs of all its constituents, including clients, stakeholders, industry, government, internal clients within the university including students, and other primary constituents throughout the state and region. Furthermore, the Advisory Board serves as an advocacy group on behalf of the Engineering Extension Office and the grant program it serves. This continuous external interaction is considered vital for the program to successfully fulfill its OSHA Grant Requirements and Land Grant mission and objectives.

Particular areas of interest for the Advisory Board includes:

1. Maintaining relevance of the program objectives and desired outcomes with reference to the OSHA 21(d) Grant Program Requirements.
2. The development and enhancement of collaborative efforts with industry and stakeholders in promoting occupational safety and health.
3. Fostering and strengthening the skill sets of staff for professional development.
4. Act as an advocacy group to support the Engineering Extension Office in fostering program enhancements.

Our Advisory Board Members

Chairperson:
Scott Berg, Bel Brands USA

Debra Biever, Sioux Valley Energy

Pete Bullene, Glacial Lakes Energy

Brian DeJong, Assero Resources

Laurie Gates, ESCO Manufacturing

Tom Hart, SD Dept. of Labor and Regulation

Beth Locken, South Dakota Ag Cooperative Safety Directors Association

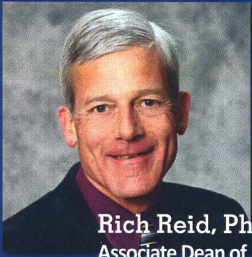
Rod Schober, TrueNorth Steel

William Spreeman, South Dakota Wheat Growers

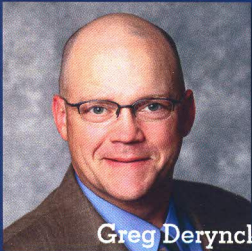
Kathy Zander, South Dakota Grain and Feed Association

Greg Derynck and Lisa Skovlund from Engineering Extension

Administration and Staff



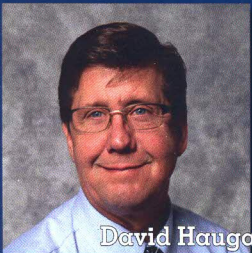
Rich Reid, Ph.D., P.E.
Associate Dean of
Academics and Extension



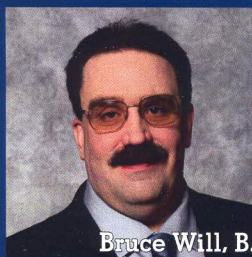
Greg Derynck, B.S.
Program Director



Tammy Hintz, M.H.R.
Safety and Health Consultant



David Haugan, B.S.
Safety Consultant



Bruce Will, B.S., P.E.
Safety Consultant



Lisa Skovlund, B.S.
Program Assistant

Once again this year Engineering Extension, the Engineering Extension Advisory Board, SD SHRM, and other partners in industry will host a safety and health conference. This year's conference will be in Pierre on August 8th and 9th. Last year's conference in Watertown had over 150 in attendance. This is Engineering Extension's biggest outreach and marketing event of the year. The Advisory Board is the driving force behind organizing this conference.

**Join us for the
3rd Annual Summit!**

Wednesday, 8/8 - Thursday, 8/9
Ramkota Hotel & Convention Center
Pierre, S.D. 57501

The 2017 Summit in
Watertown was a huge
success! Please join us
for another great event!



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