



Construction & Utilities Division

Preventing falls - how the right technology and culture can make a difference

Construction & Utilities Division

- Mike Hill
 - Secretary, Construction & Utilities Division
- Linda Blanchard
 - Co-owner of Thermal-Tec Roofing



PREVENTING FALLS

How the Right Technology, Practices, and Culture Can Make a Difference



Who is Thermal-Tec?

- ❑ Install MR Multi-Ply Roof System on existing metal roofs throughout the Midwest
- ❑ National Safety Award Winning Company
- ❑ 37 Years in Business with 45 Million Sq Ft of Roof
- ❑ Safety is Top priority for EVERY ONE in organization
- ❑ Our way of life
- ❑ Distributor of Honeywell and Guardian Fall Protection Products

**** Over One MILLION hours with no injuries****

Eight Core Leading Indicators

From Associated Builders & Contractors 2019 Safety Performance Report

- ❑ Toolbox Safety Talks
- ❑ Substance Abuse Programs
- ❑ Safety Program Performance Review
- ❑ Taking Action on Trailing Indicators
- ❑ Employer Supervisory Safety Meetings
- ❑ Use of Personal Protective Equipment
- ❑ Pre-planning for Jobsite Safety
- ❑ Safety Program Goal Setting

Toolbox Safety Talks



Sources:

- ❑ [Toolboxtopics.com](https://www.toolboxtopics.com)
- ❑ [OSHA.gov](https://www.osha.gov)
- ❑ [OSHAtraining.com](https://www.oshatraining.com)
- ❑ [NSC.org](https://www.nsc.org)

Overview:

- ❑ Weekly, with everyone
 - ❑ First thing Monday morning
 - ❑ Be sure to document and record
- ❑ Daily on Jobsite with each crew
 - ❑ 85% reduction in injury rates with daily vs. weekly talks
- ❑ Develop a Jobsite Safety Audit Document

Substance Abuse Programs

- ❑ One third of all incidents are drug or alcohol related
- ❑ Companies with programs are 60% safer
- ❑ Be prepared to lose good employees
- ❑ Program should be clear, with:
 - ❑ A test consent form
 - ❑ Last chance agreement
 - ❑ Employee assistance program
- ❑ Thermal Tec:
 - ❑ Drug test:
 - ❑ Interview
 - ❑ Pre-employment
 - ❑ Random
 - ❑ Suspect
 - ❑ No tolerance, including a strict recreational marijuana policy



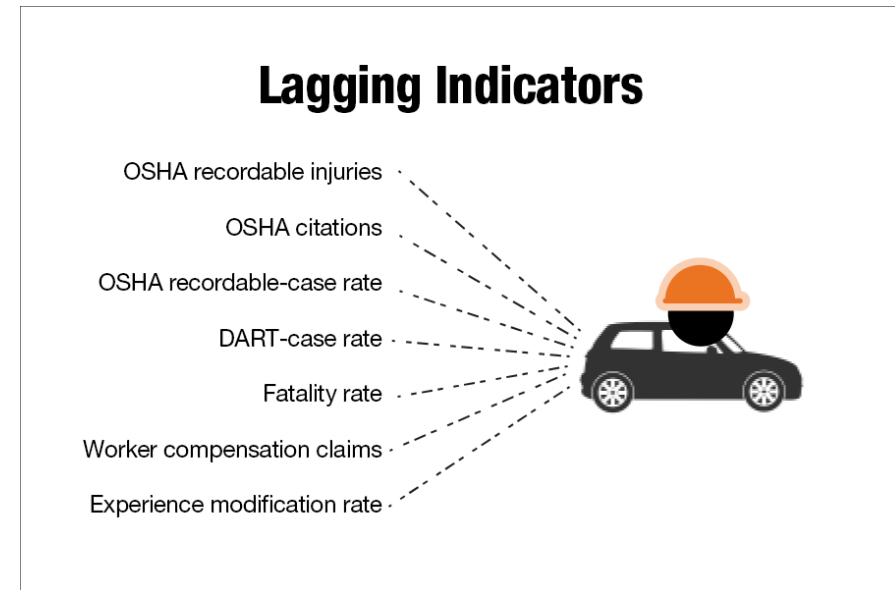
Safety Program Performance Review



- ❑ Review your program at least quarterly (monthly if possible)
- ❑ Look at incidence rates, survey results, compliance, equipment needs, near misses, etc.
- ❑ Measure your performance and post for all to see
- ❑ Much of this data comes from daily talks with on site supervisor

Taking Action on Trailing Indicators

- ❑ Train key personnel to understand these topics and their importance
- ❑ All employees trained with OSHA 10 training
- ❑ Thermal Tec:
 - ❑ EMR is .63
 - ❑ Helps to set goals and identify where you want to be



Employer Supervisory Safety Meetings



- ❑ Discussed daily with supervisors
- ❑ Meet monthly to review performance
 - ❑ Meetings include status reports of on site safety issues
 - ❑ Lessons learned and new ideas are discussed
- ❑ Post minutes for all to see

Use of Personal Protective Equipment

- ❑ Create a culture of 100% tie off
- ❑ Make PPE a top priority
 - ❑ Hard Hat, goggles, ear protection, boots and gloves a minimum
 - ❑ Every employees has a harness (replaced semi-annually), lanyards and lifelines
- ❑ Build the cost into every job
- ❑ Use retractables
- ❑ Develop rescue plans and procedures
- ❑ Apply for grants
- ❑ Train, train, train, on how to use and be comfortable with equipment
- ❑ Conduct equipment inspections and simulated falls and rescues



Pre-planning for Jobsite Safety



- ❑ Develop a Job Site Safety Audit that is conducted daily
- ❑ Have all personnel on site participate in the daily audit
- ❑ Make it a checklist:
 - ❑ potential hazards
 - ❑ weather conditions
 - ❑ emergency numbers
 - ❑ PPE
 - ❑ Housekeeping
 - ❑ fall protection
 - ❑ site specific needs, etc.
 - ❑ Post Task Checklist
- ❑ Very important document for you and your customer

Safety Program Goal Setting

- ❑ Yearly goals are set for our safety program
- ❑ The goals are reviewed monthly
- ❑ Progress is tracked and reported
 - ❑ Feedback is solicited
- ❑ Action plans are developed
- ❑ Goals are set by a large group
 - ❑ Led by the top people in the organization
- ❑ One of the favorite meetings of the year



Culture of Safety

Culture reinforces your values and growth.

You grow your culture.

It sets an understanding and connects your team.



Safety Culture is based on Leadership Culture

ALL BELIEVE WHEN LEADERSHIP BELIEVES

- ❑ Culture follows understanding
 - ❑ Once you understand how important safety is your culture will follow
 - ❑ Culture is based on values
- ❑ Who are the leaders?
 - ❑ Everyone
 - ❑ Everyone sets the culture.
 - ❑ Everyone accepts, acknowledges, enrolls in, and helps grow the culture
- ❑ Safety is important because
 - ❑ People stay safe
 - ❑ Safety records are very important to customers
 - ❑ You save insurance costs
 - ❑ It sets you apart from competitors
- ❑ You cannot mandate your culture

Must Have Equipment

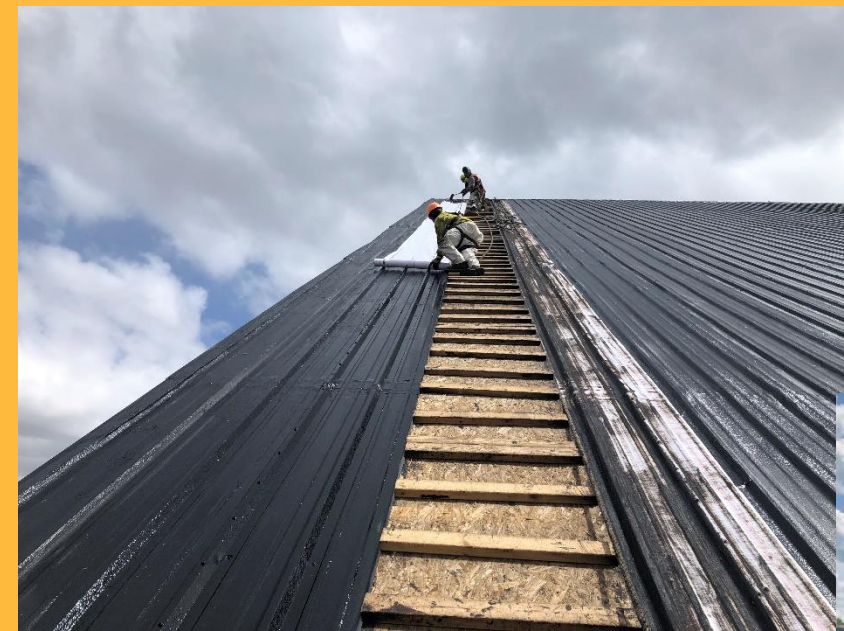
- ❑ Hardhat
- ❑ Safety Goggles
- ❑ Steel toed, metatarsal Boots
- ❑ Ear protection
- ❑ Gloves
- ❑ Harness
- ❑ Life line – retractable is best – Ropes/grabs/break
- ❑ Lanyards – double is best, double retractable even better
- ❑ D-rings
- ❑ Rescue ladders
- ❑ Rescue poles
- ❑ Rescue plan
- ❑ TRAINING – Could do an entire webinar on training
- ❑ Masks



QUESTIONS?



Thermal-Tec at work!



**SAFETY SAVES:
LIVES
YOUR BOTTOM LINE
YOUR REPUTATION**

Linda Blanchard
lindab@thermaltec.com
www.thermal-tec.com

Construction & Utilities Division

- Upcoming Events
 - Mobile Workforce Panel Discussion
 - Oct. 6, 10 a.m. CT
 - Foundation for Safety Leadership Program – CPWR
 - Oct. 7, 10 a.m. CT
 - Transportation Technology
 - Oct. 7, 12 p.m. CT
 - Construction & Utilities Annual Division Meeting
 - Oct. 8, 3 p.m. CT



Learn more at nsc.org/divisions