

# FORMATIONS

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**SYMONS**  
BY DAYTON SUPERIOR

WINTER  
2021



**SHOWN ABOVE:** SYMONS **DROP HEAD** AND **HI-LITE SHORING** SYSTEMS AT WORK ON THE SAN MANUEL CASINO PROJECT IN HIGHLAND, CA

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# LIVERMORE EXTENDS THE POWER OF RED™

Located just east of San Francisco with easy access to northern and central CA is our Livermore, CA rental yard. This branch has been operating since 2015 and specializes in servicing large commercial forming projects throughout the entire US west coast and Canada.

The Livermore team works together to bring white glove service to our customers. The team is comprised 23 people including engineering, sales, customer service, operations, and yard staff.

You can call the Livermore Team at 925-493-6914 for more information, or contact your Symons Representative.

## LIVERMORE TEAM LEADS

Josh Hole, Operations Manager

Maren Thielen, Customer Service Process Manager

Marty Holzschuh, National Director of Business Development

Ahmed Jumaili, Director of Engineering



## LIVERMORE'S FEATURED FORMING RENTALS

### DROP HEAD SYSTEM

- Realize lower costs with 70% material recovery one day after a pour
- Modular design and use of storage frames results in efficient shipping and lower freight costs
- Single posts can handle up to 18" of concrete slab depth at heights ranging from 6'-8" to 12'-8"
- Parts and engineered drawings are color coded to ease use and assembly in the field
- Round wedged drop-heads allow ledgers and joists to be stripped, leaving undisturbed reshores in place
- Slabs with slopes up to 12% can be shored and safely braced to resist lateral loads
- 8' x 6' post grid (48 sq ft) require 25% fewer posts than European 2M x 2M (36 sq ft) post grids
- Fully braced cantilevers allow for wide walkways beyond the slab edge

### HI-LITE SYSTEM

- **Efficiency:** HI-LITE systems benefit from aluminum's high strength and low weight.
- **Speed:** The ease of handling large, lightweight elements results in increased speed of construction and accelerated project completion dates.
- **Quality:** Larger formwork elements and more systematized formwork designs result in a finished product far superior to that derived from the use of small, handset components.
- **Safety:** Lighter components mean fewer aches, pains, and injuries for workers.
- **Longevity:** Aluminum doesn't rust, never needs to be painted, and has high elasticity to resist jobsite damage three times better than steel.
- **Ease of Transportation:** Weight and volume limitations are balanced, making HI-LITE's equipment the most economical to transport.
- **Environmentally Friendly:** Aluminum is one of the most recyclable materials in the world.

## SYMONS SQUAD: MEET YOUR TEAM



**Jennifer Lucas** is a Customer Service Representative for the West Coast Forming division with 16 years of experience. Jen joined the Symons Team in November 2004 in City of Industry, California. She has a strong system, procedure knowledge and enjoys researching problems. Her favorite expression is "I was just curious."

Being well versed in all areas of customer service, she is often relied on to help with the training of new hires.

Jennifer has 4 daughters - the youngest is a senior in high school. She enjoys watching movies and loves to sing karaoke...be careful because she will invite you along!



# PREVENTING COLD STRESS ON THE JOB

A challenging year has finally closed and with it comes the cold, wet, and windy conditions for the majority of North America. These weather conditions contribute to job sites being more dangerous now than any time of the year. Snow and ice create slippery work conditions and the lower temperatures combined with wind can lead to even more dangers for workers exposed to the environment. In this article, we will review some important safety tips for working in cold weather and ways to help prevent cold stress.



Workers are at risk of cold stress when they are exposed to extreme cold or work in cold environments. Especially those working without shelter, in areas without heat or areas that are poorly insulated. Cold stress occurs when skin temperature decreases, eventually lowering the internal body temperature. It is at this point serious cold-related illnesses and injuries may occur, including permanent tissue damage and death. OSHA® offers a great deal of information in their Cold Stress Safety and Health Guide and the OSHA Quick Card™. Below are the most common types of cold stress:

- **Hypothermia** – this occurs when the body temperature drops to 95°F or less. Symptoms include; shivering, confusion, slurred speech, slow heart rate, slow breathing, loss of consciousness, death.
- **Frostbite** – in this type of cold stress, body tissues freeze. Symptoms include; numbness, reddened skin with gray/white patches, area feels firm/hard, with possible blisters.  
*NOTE: frostbite can occur even with temperatures are above freezing, due to wind chill.*
- **Trench Foot (Immersion Foot)** – non-freezing injury to the foot caused by lengthy exposure to wet and cold environments. Symptoms include; redness, swelling, numbness, and blisters.  
*NOTE: this type of cold stress can occur at air temperatures as high as 60°F.*

There are several things OSHA recommends for cold stress prevention, these include:

- Training on cold stress hazards, symptoms, prevention, and what to do if a worker suffers from cold stress.
- Provide warm areas and/or heating methods such as heaters.
- Workers should be slowly introduced to colder weather, allowing for breaks in warm areas whenever possible.
- Employers and employees should monitor each other for symptoms of cold stress.
- Warm, sweetened (non-alcoholic) drinks are preferred along with warm, high-calorie foods.
- Workers should take care in dressing properly including; loose-fitting, insulating layers of clothing/jacket/boots, gloves, and hat. Waterproof materials are a good idea as well.



Cold and wet conditions can make for some of the most difficult working conditions. And as we all know, the construction work will go on. Educating ourselves in the prevention, symptoms, and treatment of cold stress can help ensure we all get home safely!

Thank you for reading. *Stay Safe and Warm!*



# HENDERSON EVENTS CENTER PROJECT

## HI-LITE SHORING SYSTEM UTILIZED

Customer: Gillett Construction LLC

Job: Henderson Events Center

**Project Summary:** The Henderson Events Center will host stand-up comedy acts, concerts, trade shows and other events. The 6,000-seat arena will replace the Henderson Pavilion and its primary purpose will be as a hockey rink for the hometown Henderson Silver Knights, the minor league affiliate to the NHL Vegas Golden Knights. The center is approximately 40,000 sq. ft. of elevated deck and beams.

### HI-LITE SHORING SYSTEM FEATURES:

- Versatile, light-weight, aluminum shoring system specifically designed to support horizontal pours
- Multiple, standard frame and leg sizes with S.W.L. Capacities of 12k, 16k, and 25k
- Many components are interchangeable and adjustable, adding to versatility in application design
- Light-weight results in single-person handling and erection
- Strong and durable system requiring minimal maintenance



Contact your Symons rep today to find how THE POWER OF RED™ can offer you solutions and savings!



## ONLINE TRAINING AVAILABLE

With the current safe distancing guidelines, we have available online training videos. From light forming to chemicals and even splicing, we are proud to offer these to our valued customers to view at their convenience.

### CHECK OUT OUR YOUTUBE VIDEOS ON:

- **NEW** Top-Cast® Decorative Finishing System Demonstration Videos
- Max-A-Form® STS
- Sleeve-Lock®
- Bar Lock® Couplers
- Testing Capabilities - Chemical Testing
- Testing Capabilities - Mechanical Testing
- Tilt-Up Insulated Wall Panel featuring Delta Tie
- Online Training - Light Forming
- Online Training - Grout Selection and Use
- Tilt-Up Wall Construction and Paving



### TRAINING VIDEOS AVAILABLE:

- Forming Basics
- Splicing Basics
- D303 Taper-Lock® Machine
- Light Forming Systems
- Grout Selection and Use
- Bridge Forming and Accessories
- Tilt-Up Construction
- And More

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