

Compliance Corner

NATIONAL

Falls are the leading cause of death and injury in the construction industry. To prevent these types of accidents, the Occupational Safety and Health Administration is launching the 2014 Fall Safety Stand-down from June 2-6. OSHA is working with employers, workers, and industries to raise awareness about fall hazards, safety, and prevention.

STATE

New Heat App calculates the heat index (both temperature and humidity) where you are working and provides recommendations for how best to protect yourself based on the risk level. To download the app go to: [OSHA Heat App](#).

Explore all your resources and take every precaution for safety's sake!

LOCAL

Rip currents are powerful channels of water moving away from the beach. The dangerous currents, generally less than 25 feet wide and roughly 100 to 200 feet long, often form around jetties, piers and breaks in near-shore sandbars. Rip currents become killers when swimmers panic as they're carried out to sea. At least 100 people die from rip currents in the United States every year. If caught in one, swimmers should either swim parallel to the shore or allow themselves to be pulled out until the current dissipates.

For more information and the daily rip current risk go to:

[Rip Current Forecast - NWS Wilmington, NC.](#)



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For Safety's Sake...Summer Heat

Memorial Day marked the unofficial start of summer and with it, steadily rising temperatures. Occupations where employees are performing most of their work outdoors face serious hazards from working in the heat. With temperatures rising, now is the best time to prepare for protection. Across the nation, in 2012, there were 31 heat-related worker deaths and 4,120 heat-related worker illnesses.

Heat disorders generally have to do with a reduction or collapse of the body's ability to shed heat by circulatory changes and sweating or a chemical (salt) imbalance caused by too much sweating. When the body heats too quickly to cool itself safely, or when you lose too much fluid or salt through dehydration or sweating, your body temperature rises and heat-related illness may develop.

The most frequent heat related disorders and recommended treatments are:

Heat Cramps -Symptoms are painful spasms, usually in muscles of legs and abdomen. Heavy sweating occurs.

First Aid: Firm pressure on cramping muscles or gentle massage to relieve spasm. Give sips of water. If nausea occurs, discontinue water.

Heat Exhaustion - Symptoms are heavy sweating, weakness, cold, pale, and clammy skin. Pulse rapid. Normal temperature possible. Fainting and vomiting.

First Aid: Get victim out of sun. Once inside, the person should lay down and loosen clothing. Apply cool, wet cloths. Fan or move victim to air conditioned room. Offer sips of water.

Heat Stroke (or sunstroke) - Symptoms are high body temperature (106° F or higher). Hot dry skin. Rapid and strong pulse. Possible unconsciousness.

First Aid: Heat stroke is a severe medical emergency. GET EMERGENCY MEDICAL ASSISTANCE OR GET THE VICTIM TO A HOSPITAL IMMEDIATELY. Delay can be fatal.

Before for emergency assistance comes, move the victim to a cooler environment. Reduce body temperature with cold bath or sponging. Use extreme caution. Remove clothing, use fans and air conditioners. If temperature rises again, repeat process. Do not give fluids. Persons on salt restrictive diets should consult a physician before increasing their salt intake.

Heat disorders share these common features:

They start when someone has been in the heat too long or exercised too much for his or her age and physical condition. They are generally remedied by getting the person out of the sun, applying cool wet cloths to skin and sipping water.

Use prevention when working outdoors this summer. Drink plenty of water! Dress in cooler colors and work smarter not harder!

SAFE TRACK

Auto Accident Statistics

2012-2013

Accidents Total # Total Cost

Auto Injury	8	\$951,560.42
Auto Damage	18	\$53,979.92
Auto Collision	16	\$70,359.71
Auto Comp	9	\$10,867.17
Totals	51	\$1,086,767.22

Auto Accident Statistics

2013-2014 (10 months)

Accidents Total # Total Cost

Auto Injury	1	\$0.00
Auto Damage	7	\$9,268.87
Auto Collision	22	\$74,193.79
Auto Comp	11	\$40,491.90
Totals	41	\$123,954.56

Vehicle Heat

The atmosphere and the windows of a car are relatively "transparent" to the sun's shortwave radiation. Shortwave energy heats objects that it strikes, such as a dark dashboard, seat, steering wheel or child seat, which can easily reach temperatures in the range of 180°F to over 200°F. These objects heat the adjacent air by conduction and convection and give off long wave radiation which is very efficient at warming the air trapped inside. Leaving the windows slightly open does not significantly decrease the heating rate. The effects can be more severe on children because their bodies warm at a faster rate than adults.

Do not leave anyone unattended in a locked car.



SAS Award goes to Rich Burns, EMS Training Coordinator, for providing excellent CPR training to fellow employees. Rich makes saving lives his business and shares his knowledge with others through a positively energetic production with singing and dancing!

Thanks Rich for all you give to employees and citizens of Brunswick County!



Mark Gore, Emergency Services & Barry Harrison, Service Center

2014 Forklift Training

Operation Services conducted forklift training in May. OSHA standards require that trained operators know how to operate equipment properly and safely. Operators are required to attend training every three years.



Barry Harrison, Service Center

Off The Wall ...Training for your next safety meeting

Post this on the wall for everyone to see

Take Away Tips...Bloodborne Pathogens

Bloodborne pathogens are infectious microorganisms present in blood that can cause disease in humans. These pathogens include, but are not limited to, hepatitis B virus (HBV), hepatitis C virus (HCV), and human immunodeficiency virus (HIV), the virus that causes AIDS. Workers exposed to bloodborne pathogens are at risk for serious or life-threatening illnesses.

- Employers must prepare a list of jobs in which some workers have occupational exposure.
- Employers must update the plan annually to reflect changes in tasks, procedures, and positions.
- Employers must have medical devices designed to eliminate or minimize occupational exposure.
- Use of universal precautions (treating all human blood and body fluid to be infectious).
- Use of sharps disposal containers, self-sheathing needles, and safer medical devices.
- Use safety controls for work. Change the way a task is performed to minimize hazards.
- Provide personal protective equipment (PPE) such as gloves, gowns, eye protection, and masks.
- Make available hepatitis B vaccinations to all workers with occupational exposure.
- Make available post-exposure evaluation and follow-up to any occupationally exposed worker who experiences an exposure incident. This protection, evaluation, and follow-up must be at no cost to the worker and include documenting the route(s) of exposure and the circumstances.

The Bloodborne Pathogens Program is available in its entirety on the intranet in the [Brunswick County Safety Manual](#) under Risk Management.

BRUNSWICK COUNTY SAFETY TRAINING CALENDAR

Month	Level I	Level II	Contact Person	Contact #
	All Departments	Occupation Specific		
June	Bloodborne Pathogens	Bloodborne Pathogens	Fred Michael	253.2298
July	Personal Protective Equipment Ergonomics	Personal Protective Equipment Respiratory- SCBA Fit Test/Hearing	Eileen Gardner Eileen Gardner	253.2078 253.2078
August	Equipment Safety	Global Harmonization / Lab Safety	Fred Michael	253.2298
September	Hand Tool Safety	Confined Spaces Machine Guarding	Ronald Moore Bryan Hollis	253.2680 253.2509
October	Flammables & Combustibles	Flammables and Combustibles	Fire Marshal	253.2572
November	Electrical Safety	LOTO	Eileen Gardner	253.2078
December	Safety Review	Plant Safety Review	All Members	

Additional safety training is provided at the request of the department head. Driver training can be done throughout the year at employee orientation. Contact the Risk Manager for all your safety training needs.

Email egardner@brunscos.net to schedule your department's training!

Motor vehicle accidents are down and the costs are too! Get there Safe!!