

Fact Sheet On Carbon Monoxide Poisoning

Carbon monoxide gas is an unseen hazard. It is invisible, odorless, tasteless and deadly. Each year in the United States nearly 10,000 persons are affected by exposure to carbon monoxide gas to the extent of requiring medical care or causing at least one or more days of restricted activity.

Each year about 1,400 persons die as a direct result of being exposed to carbon monoxide gas. About 70% of the deaths occur in the home. Most deaths occur in the winter months (70%) when the hazards are the greatest due to the use of heating devices and fuel burning equipment. In recent years, however, many deaths have occurred during the summer. With the increase of air conditioning, carbon monoxide has been found in autos, homes, motel rooms and other places when the air intake vent is located near a source producing carbon monoxide.

In addition to acute carbon monoxide poisoning resulting in death, considerable danger lies in daily exposure to low concentrations of carbon monoxide in the home environment. A person so exposed for prolonged periods may experience headaches, dizzy spells, anemia, weakness, mental depression, nervousness, irritability and circulatory impairment.

The reported number of deaths and injuries are believed to be only the "tip of the iceberg." Public Health and medical authorities believe that many more injuries and deaths are occurring as a result of carbon monoxide poisoning, but are not being reported as such because carbon monoxide is not suspected and may not be recognized. Fatal or near fatal asphyxiations from this cause have received preliminary diagnoses of acute alcoholism, cardiac failure, botulism and viral infection, among others. Variations in susceptibility and exposure of members of the same household often result in different symptoms (showing up in various degrees) and further complicate its recognition and correct diagnosis.

A recent study by the Memphis and Shelby County Health Department, Memphis, Tennessee, sponsored by the United States Public Health Service's Injury Control Program, illustrates the potential seriousness of the problem. Forty percent (40%) of the homes and establishments investigated had one or more appliances that were emitting unduly high levels of carbon monoxide. About 1/4 of these appliances were discharging this gas in amounts exceeding 200 parts per million units of air, which is potentially dangerous.

Gas range ovens, gas floor furnaces and gas space heaters were the three leading appliances inspected which were emitting carbon monoxide. Fuel oil, coal and wood burning devices also produce carbon monoxide. The Memphis study clearly indicated that carbon monoxide emanating from home heating equipment can be due to many causes and can only be detected by scientific instruments. However, in addition to medical symptoms, there are warning signs that all persons should regard with suspicion: the odor of combustion products, the presence of smoke, sooty deposits around heat registers, exhaust discharges and vent pipe joints. The incidence of death and illness from accidental carbon monoxide poisoning can be greatly reduced by taking the following action:

1. Buy only equipment that complies with your local code. In the absence of such regulations, look for the certification seal of one of the national testing agencies, such as the American Gas Association or the Underwriters Laboratories, which indicates compliance with national safety standards.

2. Make sure that fuel burning equipment is installed by a qualified (licensed or trained) person. Such installation should be in accordance with local codes and standards.

3. Provide a constant supply

of fresh air to provide safe combustion and a positive method of venting the burned gases.

4. Heating systems, water heaters, kitchen stoves and other fuel burning devices should be given a thorough inspection and maintenance at least once a year by a qualified (professional service representative) person.

5. Never convert a particular unit from one type of fuel to another without having necessary burner changes and adjustments made by a trained and experienced service man.

6. Never use charcoal grills and Hibachi pots indoors for the purpose of cooking, heating or taking the chill off a particular room such as basement, closed garage, etc.

7. Know and understand the symptoms of carbon monoxide poisoning, as it is a great imitator of other illnesses. Call your Physician, or HEALTH DEPARTMENT, for information about this unseen silent killer.

8. An automobile engine should never be left running in a closed garage.

Training Program For Urban Planners

RALEIGH - The third program to train urban planners urgently needed in North Carolina has been announced by the Division of Community Planning. The six-month program, which will extend from July 1 to December 31, 1968, has been prepared for those with no previous training in urban planning. Purpose of the program is to train staff personnel for the Division.

The course consists of classroom instruction, supervised research and project work, with emphasis throughout on the practical aspects of planning. Classes will be conducted by members of the Training and Research Section of the Division and by approximately fifty guest instructors obtained from state agencies, the Institute of Government, consultants, and from North Carolina cities and counties.

According to George Monaghan, Director of the Division, the need for this type of training has been created by the increasing shift from a rural to a more urban way of life in North Carolina. This trend has in turn created a demand for planners which is not being met. For this reason, training of planners is a definite need in North Carolina for both the metropolitan centers and the smaller cities.

Participants of the program will be offered a beginning salary of \$6,408. Regular six-month increments thereafter will be as follows: after

6 months, \$6,708; after 12 months, \$7,044; after 18 months, \$7,380; after 24 months, \$8,520.

The program is open to North Carolinians who have bachelor's degrees in a wide range of fields which contribute to an understanding of urban problems. For additional information about the program, write to Emil S. Breckling, Division of Community Planning, N. C. Department of Conservation and Development, P. O. Box 2719, Raleigh, North Carolina.



CATFISH PREFER MUD

If a man could pick exactly the right time to go catfishing, he'd say, "Give me a rising river and plenty of mud."

For some reason, known only to the cats themselves, catfish go on a feeding binge whenever rains upstream swell the rivers and cloud the waters with a curtain of mud. Take advantage of this phenomenon, say the fishing experts at Mercury outboards, and take home a mess of the sweetest-tasting fish ever to grace a platter.

Muddy waters encourage cats to leave their deep hidden dens and invade the shoals. This means that most anywhere you set out a line you'll find fish. As the currents speed up, strikes are swift and sure, and you'll find bait stolen less often.

Flood Control Project For Six Runs Creek Announced

Congressman David N. Henderson has announced that a flood control project on Six Runs Creek, Sampson and Duplin Counties, North Carolina, has been approved by the Chief of Engineers under authority provided by Section 205 of the Flood Control Act of 1948, as amended.

The project provides for clearing and snagging of Six Runs Creek from its confluence with Black River upstream to U. S. Route 421, a distance of 10.6 miles; excavation of a channel with a bottom width of 45 feet from U. S. Route 421 upstream to the junction with Stewarts Creek, a distance of

3.8 miles; excavation of a 35-foot-bottom-width channel upstream to N. C. Route 24 a distance of 7.1 miles; clearing and snagging of Stewarts Creek from its confluence with Six Runs Creek upstream to Road No. 1927, a distance of 4 miles; and, construction of a small reservoir west of Road No. 1926. The cost of the project is currently estimated at \$400,000, which includes a Federal share of \$277,000 with local interests providing \$123,000 consisting of a cash contribution of \$27,000 rights-of-way and legal fees of \$49,000, and \$47,000 for auxiliary drainage works.

When the preconstruction planning is complete and when local cooperation, including the formation of a drainage district, has been provided, the project will be in the "ready to construct" category eligible to be financed by the Chief of Engineers from funds appropriated annually by the Congress for Section 205 projects.



Watch For "Overkill" In Hornworm Control

Tobacco growers may have reached that point in their war on hornworms when there is an occasional "overkill." When this happens, the farmer is losing money.

It all depends on how heavy the infestation. In some instances, no treatment at all is needed for the hornworm. If the farmer treats anyway, he's reducing the net returns from his crop.

Entomologists at North Carolina State University believe there are many applications of

insecticides for hornworm control that are not needed.

The farmer's war on these pests has been marked by success. Much can be attributed to following steps in the program R-6-P, Reduce 6 Pests. Stalk destruction immediately after harvest and good sucker control during harvest, both provisions of the program, have been shown to reduce overwintering hornworm pupae by as much as 95 per cent.

Insecticides for hornworms cannot be justified unless the worms eat one whole leaf per

seven plants.

When hornworms are one to two inches long, five or more worms per 50 plants would have to be present to cause this amount of damage.

Yet, many growers, upon the first sign of the worm's presence, will go to the expense of buying the insecticides and making the application.

These unneeded applications not only increase production costs, but increase residues since they are applied near harvest time, observe the N. C. State extension specialists,

Prominent Farmer & Businessman Dies

MOUNT OLIVE - Funeral services for Louis Prestor

Mrs. Ruby Rivenbark

CALYPSO - Mrs. Ruby Mae Rivenbark, 52, of Calypso, died Monday in Wayne Memorial Hospital. Funeral services were conducted Wednesday at 3 p.m. from the Calypso Baptist Church, of which she was a member, by the Rev. R. A. Thompson. Burial was in the Calypso Cemetery.

She is survived by her mother, Mrs. Florence Waters, Calypso; her husband, H. D. Rivenbark of the home; four sons, David E., Tampa, Fla.; Warden M., Eglin AFB, Fla.; Jackie H., Warsaw, Larry G., Mt. Olive; two daughters, Mrs. Tommy King, Rt. 3, Mt. Olive; Mrs. Robert LaForce, Orlando, Fla.; five brothers, Talmadge, Mosley, Bill, all of Calypso; Floyd Goldsboro, Hughie, Clinton; three sisters, Mrs. Arthur Spivey, Wilmington; Mrs. R. H.

Wells Sr., of Rt. 1, Mt. Olive, who died Wednesday, were conducted at 3 p.m. Friday at Rones Chapel Methodist Church by the Rev. Hillary Bryant. Burial was in Southerland family cemetery.

He is survived by two sons, L. P. Wells Jr. and Jimmy Wells, both of Route 2, Mt. Olive; four brothers, Johnny Mac Wells, James and Herbert Wells, all of Rt. 1, Mt. Olive, and Cecil Wells of Mt. Olive; five sisters, Lola Wells, Mrs. Naomi Kornegay, Mrs. John Goodson, all of Rt. 1, Mt. Olive, Mrs. Minnie Williamson of Rocky Mt.; and Mrs. Eliza Eason of LaGrange.

He was a retired farmer and businessman. He was a Shriner and was a Director of Duplin General Hospital, Tri-County Electric Corp. and Production Credit Association at Kenansville. He had served as a Duplin commissioner for eight years.

Kelly, Nellie Waters, both of Calypso, 11 grandchildren.

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