

New Hampshire Underground Damage Prevention Program



Presented by William Ruoff



N. H. Public Utilities Commission



EDUCATION



Communication and Education

The screenshot shows a website with a navigation menu at the top: Customer, Regulatory, Safety, Electric, Gas/Steam, Telecom, Water/Sewer. Below the menu is a search bar and a 'Go' button. The main content area is titled 'Home > Safety > Education and Training' and 'Education and Training'. It contains several bullet points and links:

- [View DigSafe Training History](#)
- [Submit DigSafe Training Information](#)
- [Excavator Manual \(Rev. Jan. 2013\)](#)
 - Addendums
 - [Listed Members by City/Town \(Rev. August 2013\)](#)
 - [Dig Safe NH Member List \(Rev. August 2013\)](#)
 - [Dig Safe Telecom Map \(Jan. 2013\)](#)
- [Small LP Gas Systems Manual: 2nd 2001 Edition \(OPS\)](#)
- [OO Guide for Small Distribution Systems](#)
- NH PUC Model Propane Operating & Maintenance and Emergency Plans (The operator will need to enter the required information to complete the document)
 - Available in two formats: [MS Word](#) or [PDF](#)
- [Ambia's Law](#) - Effective January 1, 2007, all persons engaged in the installation, servicing and/or repair of gas fired appliances shall be licensed by the NH State Fire Marshal's Office ([RSA 153:27](#))
 - [NH Plumbers and Mechanical Contractors \(Gas Licensing\)](#)

On the left side of the page, there is a sidebar with a 'Contact Information' section and a 'Links' section at the bottom.

Are you excavating? What is excavation?

"Excavation"- *Any operation ... in which earth, rock or other material in the ground is moved, removed, or otherwise displaced by means of any tools, equipment or explosive, including but not limited to drilling, grading, boring, milling, trenching, tunneling, scraping, tree and root removal, cable or pipe plowing, fence or sign post installation, pile driving, wrecking, razing, rending or moving any structure or mass material...*"

(Statute RSA374:48, Section 111)

Hand Digging is Not Exempt

Will you be on territory covered by the law?

Do you plan to excavate on:

- Private Property
- Public Way
- Right-of-Way
- Easement
- Public Street or
- Any Other Public Place

Communication, Cooperation, Education



Dig Safe System, Inc.
1-888-DIG-SAFE MA - ME - NH - RI - VT

Home | Quick Ticket | Company Info | Membership Info | Laws & Enforcement | Services | Contact Us

New User Registration | Sign up for our Newsletter | Sign up for a Contractor ID Number
Quick Ticket Entry | Quick Ticket Help | Contractor Newsletter | Contractor ID Number
Map Coverage

811
Know what's below.
Call before you dig.

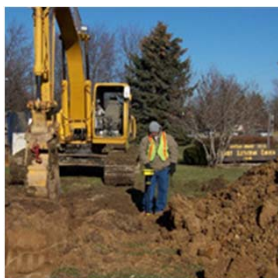
Dig Safe® *does not notify* non-member facility owners including:

- **Municipal** water, sewer, electric and drainage.
 - You must contact them directly.
- **ALSO:** Privately-owned facilities should be marked by their owner.



Key Elements for a **SAFE EXCAVATION**

- Plan Ahead
- Premark
- Obtain Dig Safe ticket
- Wait 72 hours
- Maintain the Marks
- Excavate Carefully
- Renew Ticket after 27 days
- Notify of Damage



Planning The Excavation



COMMUNICATION



Tolerance Zone Rule

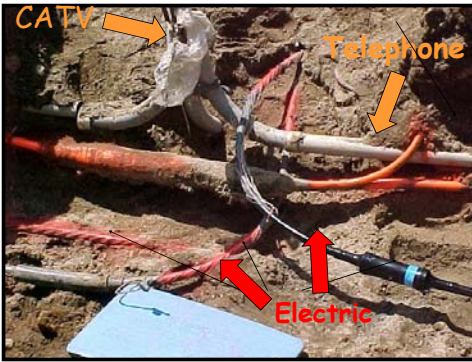
To locate and identify underground facilities, an excavator must hand dig, pot hole, soft dig or vacuum excavate in the **Tolerance Zone** except to remove pavement or with the approval of the underground utility owner or operator.



Locating Facilities



Located Facilities



Cooperation And Education



Cooperation And Education



Municipal Projects Accounted For 30% Of The Violations Last Year.

EDUCATION



Communication And Education



Lack Of Communication Resulted In 25% Of The Violations Last Year.

Mandatory Reporting Requirements for all Excavator Damages

- How does this get accomplished?
Writing, Phone, Fax, Email or Non Utility Report

NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION REPORT OF PROBABLE VIOLATION OF UNDERGROUND UTILITY REGULATIONS AND/OR DAMAGE TO UNDERGROUND FACILITIES Non-Utility Report	
DATE:	
PERSON REPORTING MAILING ADDRESS CITY/TOWN & STATE TELEPHONE #	
LOCATION OF INCIDENT: DATE OF INCIDENT: TIME OF INCIDENT:	
UTILITY COMPANY IMPACTED:	
EXCAVATION LOCATION: DAMAGE / INJURY:	
DESCRIBE THE REASON FOR THIS COMPLAINT:	
PLEASE CHECK ONE OR MORE OF THE FOLLOWING:	
1. Was the permittee's permit?	
2. Was the permittee's location as indicated?	
3. Was the permittee's depth as indicated?	
4. Operator's markings were incorrect?	
5. Was the utility notified of the problem?	
6. Was the utility notified of the problem?	
Additional remarks are necessary, or if you have pictures or other evidence to fully describe the incident referenced above, please attach a separate sheet.	
Please submit the above information to the Safety Division by fax, e-mail or phone:	

Reason For Excavator Violations

- No Dig Safe Ticket (33)
- Incorrect Dig Safe Ticket
- Subcontractors Not On Ticket (5%)
- Failure To Wait 72 Hours
- Failure To Renew Dig Safe Ticket (10)
- Failure To Maintain Marks
- Failure To Excavate Carefully (67)
- Assuming Depth Of Facility (5%)



Reason For Operator Violations

- Failure To Mark Within 72 Hours (30)
- Failure To Mark Using Prescribed Methods
- Failure To Clearly Indicate Location (14)
- Failure To Mark in Correct Color (1%)
- Failure To Mark Width Of Facility (1%)
- Failure To Mark Changes in Direction Or End (1%)



Exception to 72 hr wait:

Emergency Situation

Puc 802.04 "Emergency situation" means a sudden or unexpected occurrence involving a **clear and imminent danger** demanding **immediate action** to prevent or mitigate loss of, or damage to, life, health, property, or essential public services.



COMMUNICATION, COOPERATION, EDUCATION



New Hampshire Excavator Manual

The current edition of the New Hampshire Excavator Manual is available at **No Cost to Anyone**. If you have not picked one up at a training session and or trade show please call **NHPUC Safety Division at 603-271-6532** and one can be mailed to you.



2008 Changes to NH Underground Damage Prevention Rules

- Positive Response 804.02, 806.02
- Reports Of Damage From Excavators 805.05
- Newly Installed Facilities To Be Communicated To All Excavators 806.05
- Notifications To 911 For Certain Damages 805.05
- Trenchless Technology And Reasonable Care Language 805.02
- Blasting Special Notification 805.04
- Premarking Winter Use Of Pink 806.02
- Training For Locators 804.03, 802.10

Communication And Cooperation



Don't Take Unnecessary Chances

Thank you and Dig Safely



Know what's below.
Call before you dig.
