



**PDHonline Course C262 (5 PDH)**

---

# **Rock Blasting Fundamentals**

*Instructor: Daniel A. Vellone, M.S., P.G.*

**2020**

**PDH Online | PDH Center**

5272 Meadow Estates Drive  
Fairfax, VA 22030-6658  
Phone: 703-988-0088  
[www.PDHonline.com](http://www.PDHonline.com)

An Approved Continuing Education Provider

1. Blast officer:  
Other personnel who will be present:
2. Site & location of planned blasting:  
Date of planned blasting:
3. Explosives  
Type:  
Quantity:  
Detonator device:
4. Means of transporting explosives:  
Provisions for storing and securing explosives on site:
5. Minimum acceptable weather conditions:  
If electrical initiation to be used – considerations for stray radio frequency energy and electrical currents:
6. Procedures:  
Handling explosive charges:  
Setting explosive charges:  
Wiring explosive charges:  
Firing explosive charges:
7. Required PPE:
8. Minimum standoff distances:  
Procedures for clearing and controlling access to blast danger:
9. Procedures for handling misfires or other unusual occurrences:
10. Emergency action plan:  
Phone numbers:   Ambulance   \_\_\_\_\_   
                          Fire department   \_\_\_\_\_   
                          Police           \_\_\_\_\_   
  
Location and phone number of nearest medical services facility:  
Actions to be taken when a person is injured:
11. Attach a copy of material safety data sheet for each explosive or other hazardous material expected to be used.