

# Loveland MNM 2022 DAY 1

# **# 1 Intake Air Shaft**

**Cage Door**

# **Hoist Signals**

**Cage Door**

**Permanent  
Stopping  
With Door  
Closed**

# **Command Center**

**Water**

**Ankle Deep**

**Water**

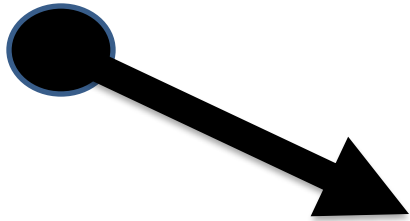
**Ankle Deep**

**Battery**

**Mine Phone**

# Fan Switch

**ON**



**OFF**

**FAB**

**# 2 Exhaust  
Air Shaft**

**Cage Door**

# **Hoist Signals**

**Cage Door**

**2 % CH<sub>4</sub>**

**10 PPM CO**

**18 % O<sub>2</sub>**

**5 PPM NO<sub>2</sub>**

**Unsafe Rib**

**Temporary  
Stoppings Not  
Intact**

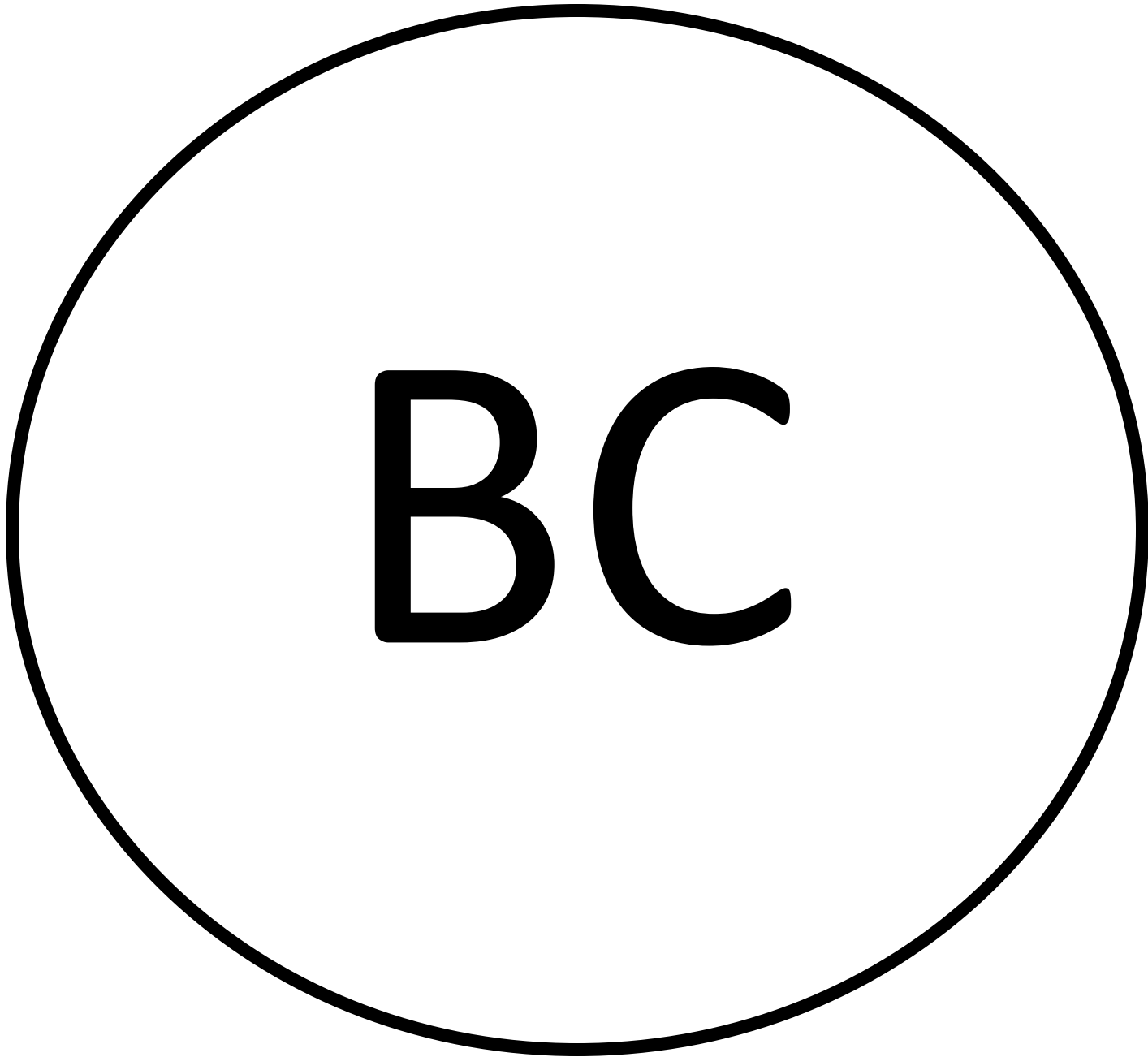
**5 % CH<sub>4</sub>**

**0 PPM CO**

**16.9 % O<sub>2</sub>**

**5 PPM NO<sub>2</sub>**

# **Wall of Overcast**



**5 % CH<sub>4</sub>**

**0 PPM CO**

**18 % O<sub>2</sub>**

**10 PPM NO<sub>2</sub>**

**Temporary  
Stoppings Not  
Intact**

**5 % CH<sub>4</sub>**

**0 PPM CO**

**16.9 % O<sub>2</sub>**

**5 PPM NO<sub>2</sub>**

**4.9 % CH<sub>4</sub>**

**10 PPM CO**

**18 % O<sub>2</sub>**

**10 PPM NO<sub>2</sub>**

# **Continuous Miner**

**Body**

**Terry ID #**

**10**

**Face**

**Battery  
Powered  
Roof Bolter**

**2 % CH<sub>4</sub>**

**50 PPM CO**

**18 % O<sub>2</sub>**

**15 PPM NO<sub>2</sub>**

# **Wall of Overcast**

**RC Door**

# **Refuge Chamber**

**Todd, ID # 45**

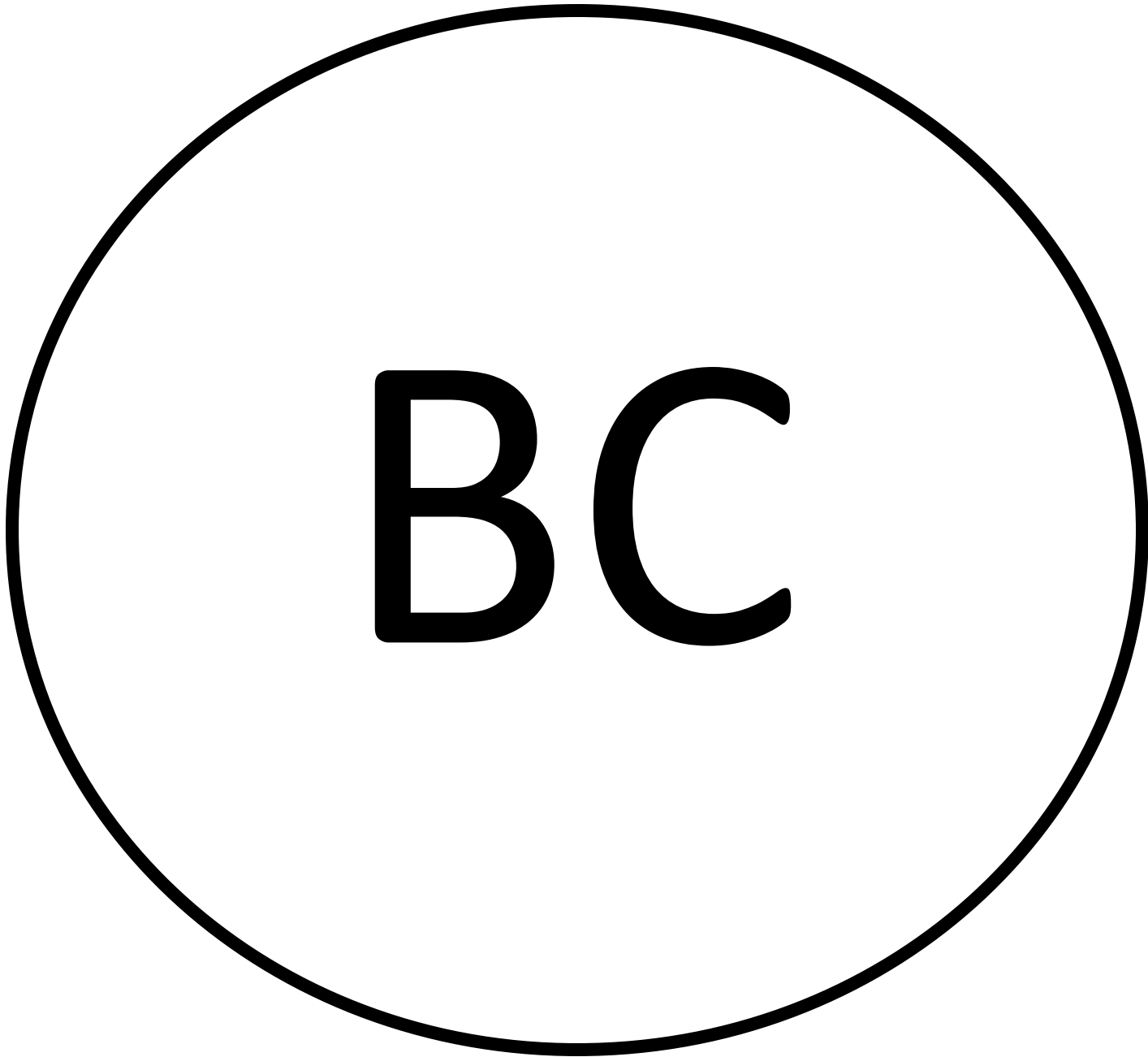
**Conscious**

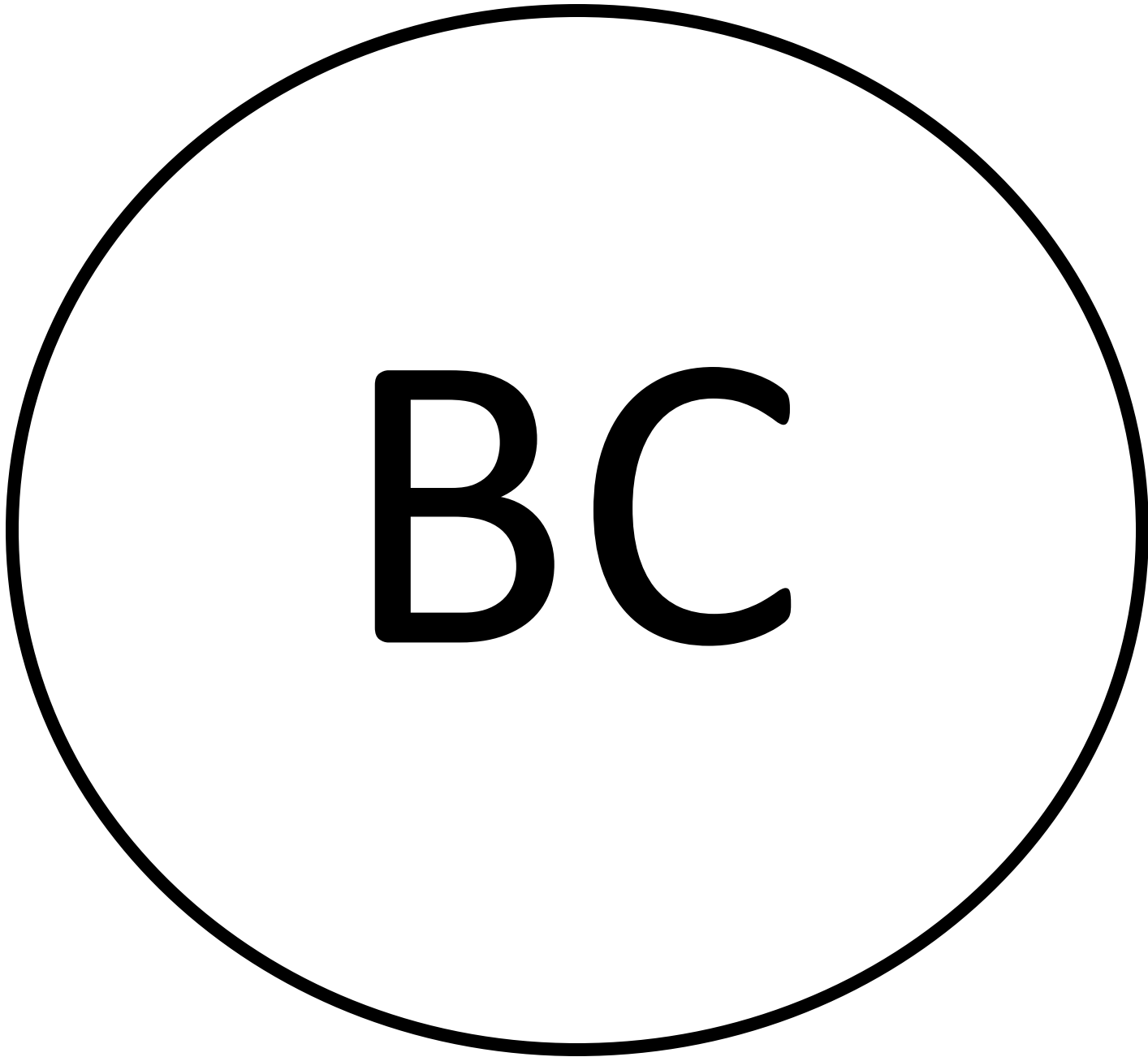
**5 % CH<sub>4</sub>**

**0 PPM CO**

**16.9 % O<sub>2</sub>**

**5 PPM NO<sub>2</sub>**





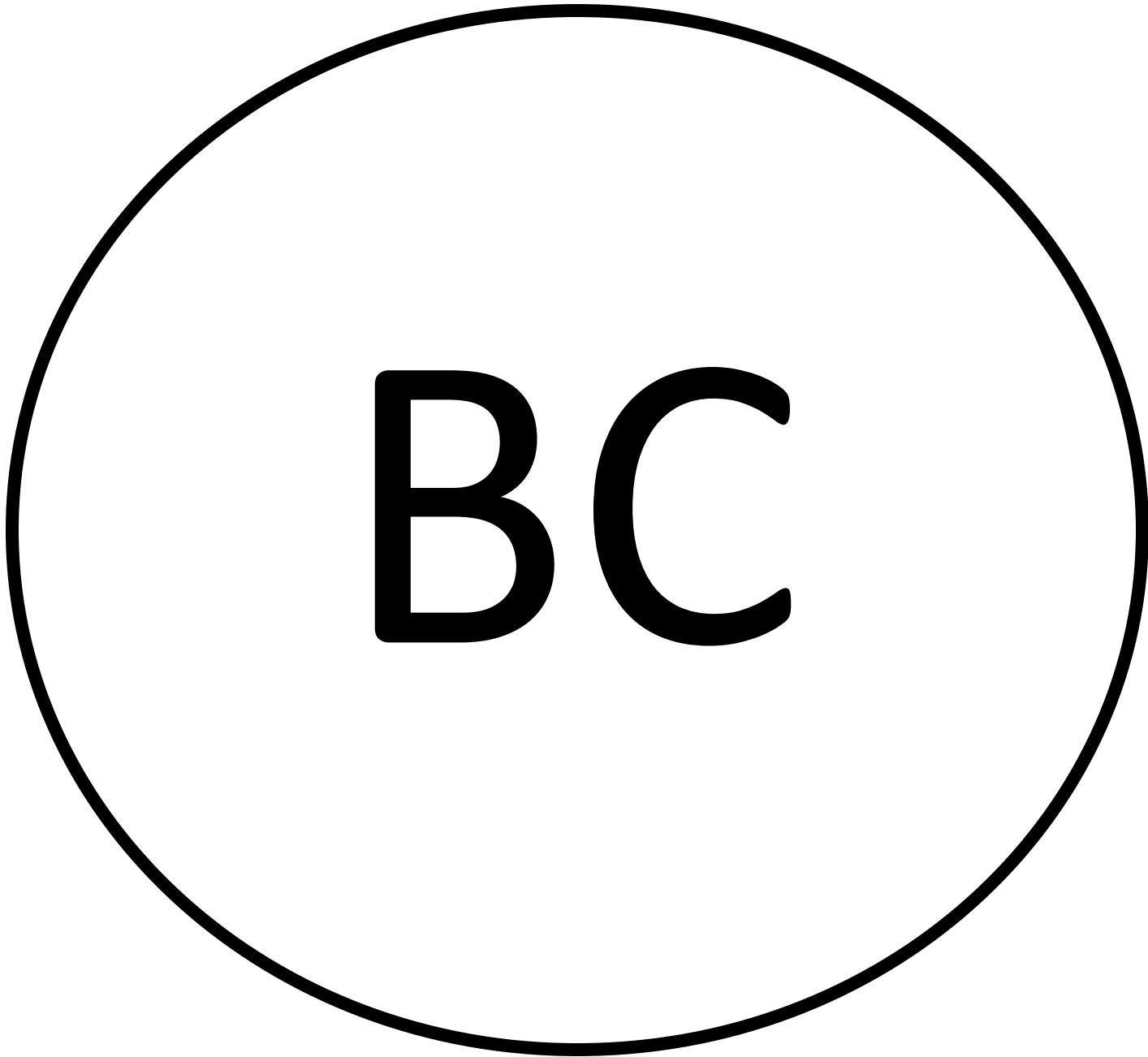
**BC**

**5 % CH<sub>4</sub>**

**0 PPM CO**

**18 % O<sub>2</sub>**

**15 PPM NO<sub>2</sub>**



**BC**

**4.9 % CH<sub>4</sub>**

**0 PPM CO**

**18 % O<sub>2</sub>**

**15 PPM NO<sub>2</sub>**

**Caved**

**Caved**



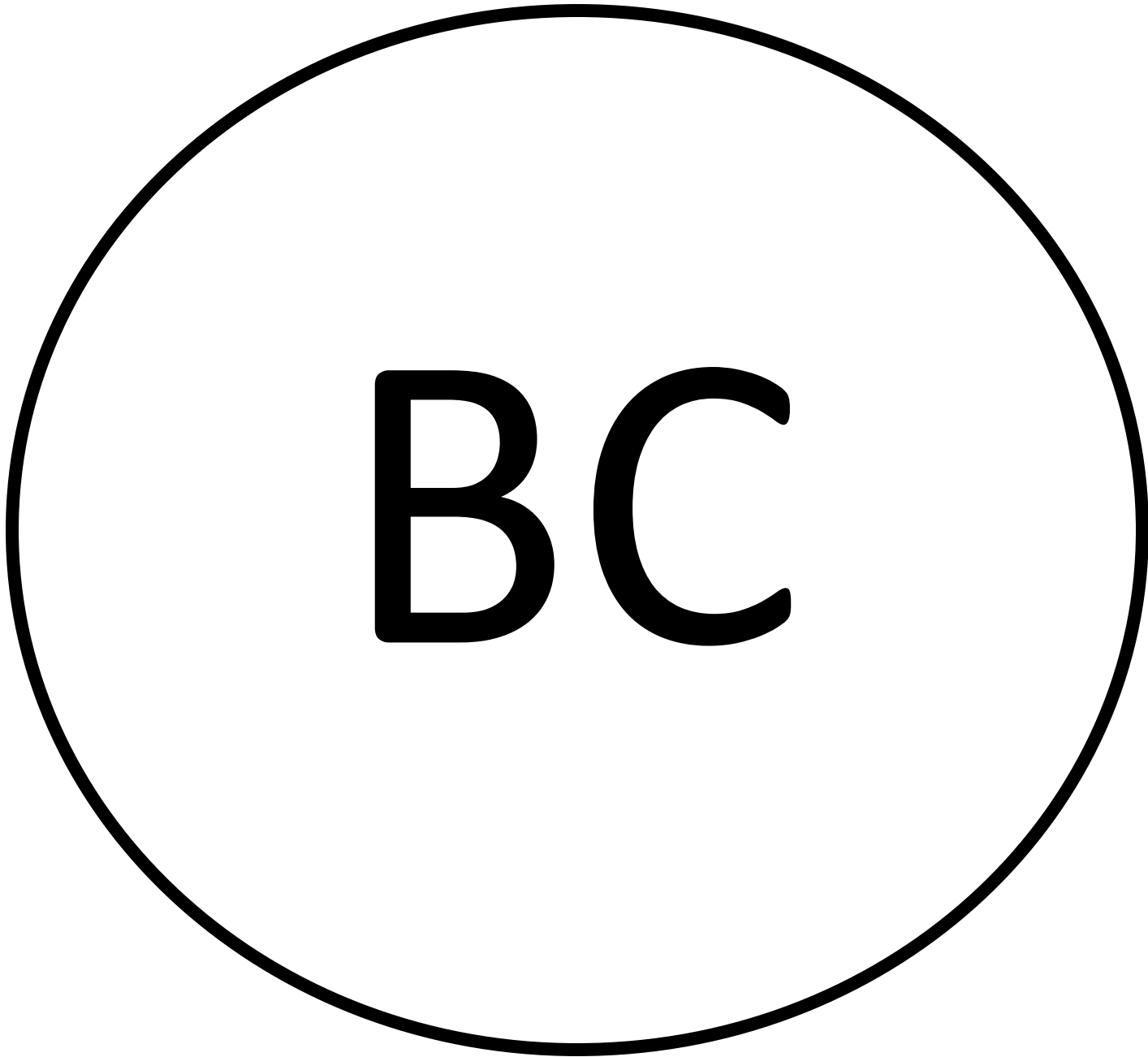
**LC**

**Body**

**Tom ID #**

**25**

**Face**



**5 % CH<sub>4</sub>**

**0 PPM CO**

**16.9 % O<sub>2</sub>**

**5 PPM NO<sub>2</sub>**

**Caved**

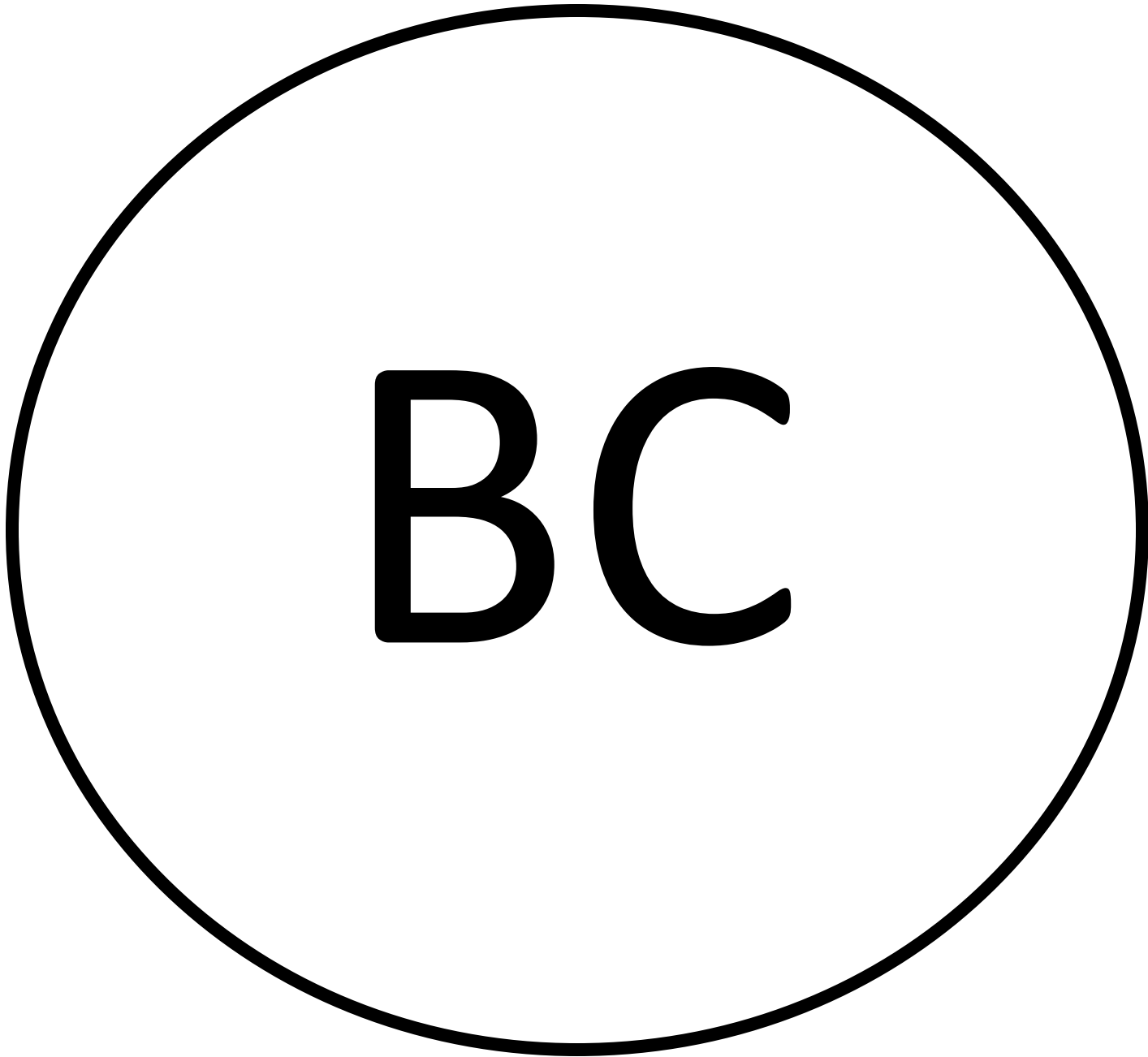
**Caved**

**5 % CH<sub>4</sub>**

**0 PPM CO**

**16.9 % O<sub>2</sub>**

**5 PPM NO<sub>2</sub>**



**BC**

**4.9 % CH<sub>4</sub>**

**100 PPM CO**

**17 % O<sub>2</sub>**

**15 PPM NO<sub>2</sub>**

**4 % CH<sub>4</sub>**

**100 PPM CO**

**17 % O<sub>2</sub>**

**21 PPM NO<sub>2</sub>**

**Barricade**

**Live Miner**

**Tim ID # 5**

**Life**

**Threatening**

**Bleed – back**

**side of right**

**thigh**

**For Judges:**

**3 entry barricade  
response “Help, Help,  
it’s airtight behind me”**

**Tim is Unconscious  
when team breaches  
barricade**