

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

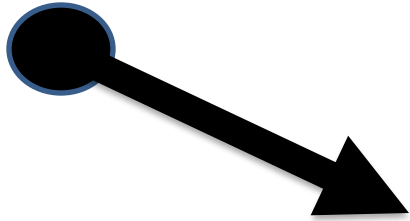
Ankle Deep

Battery

Mine Phone

Fan Switch

ON



OFF

FAB

**# 2 Exhaust
Air Shaft**

Cage Door

Hoist Signals

Cage Door

2 % CH₄

10 PPM CO

18 % O₂

5 PPM NO₂

Unsafe Rib

**Temporary
Stoppings Not
Intact**

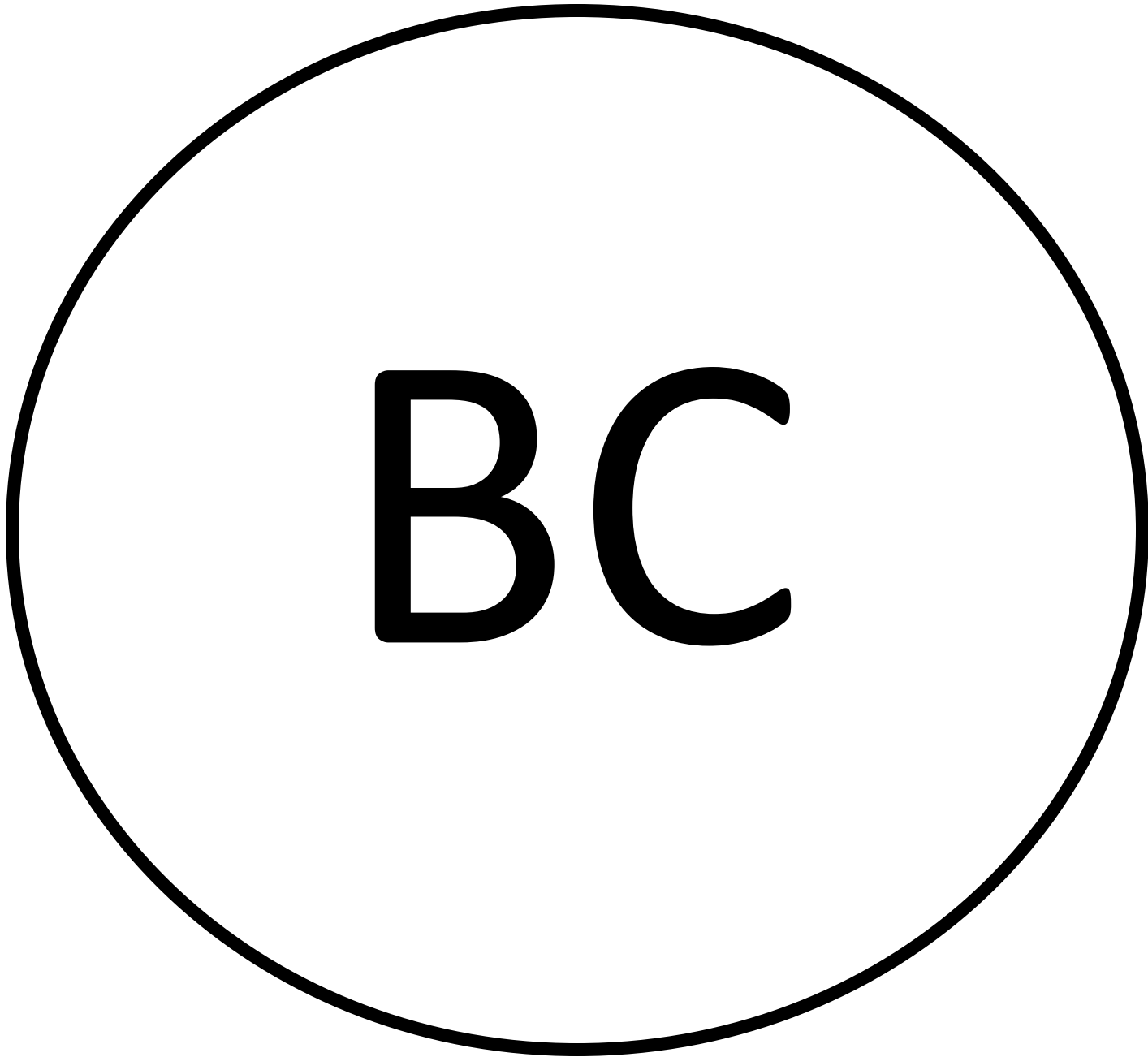
5 % CH₄

0 PPM CO

16.9 % O₂

5 PPM NO₂

Wall of Overcast



BC

5 % CH₄

0 PPM CO

18 % O₂

10 PPM NO₂

**Temporary
Stoppings Not
Intact**

5 % CH₄

0 PPM CO

16.9 % O₂

5 PPM NO₂

4.9 % CH₄

10 PPM CO

18 % O₂

10 PPM NO₂

Continuous Miner

Body

Terry ID #

10

Face

**Battery
Powered
Roof Bolter**

2 % CH₄

50 PPM CO

18 % O₂

15 PPM NO₂

Wall of Overcast

RC Door

Refuge Chamber

Todd, ID # 45

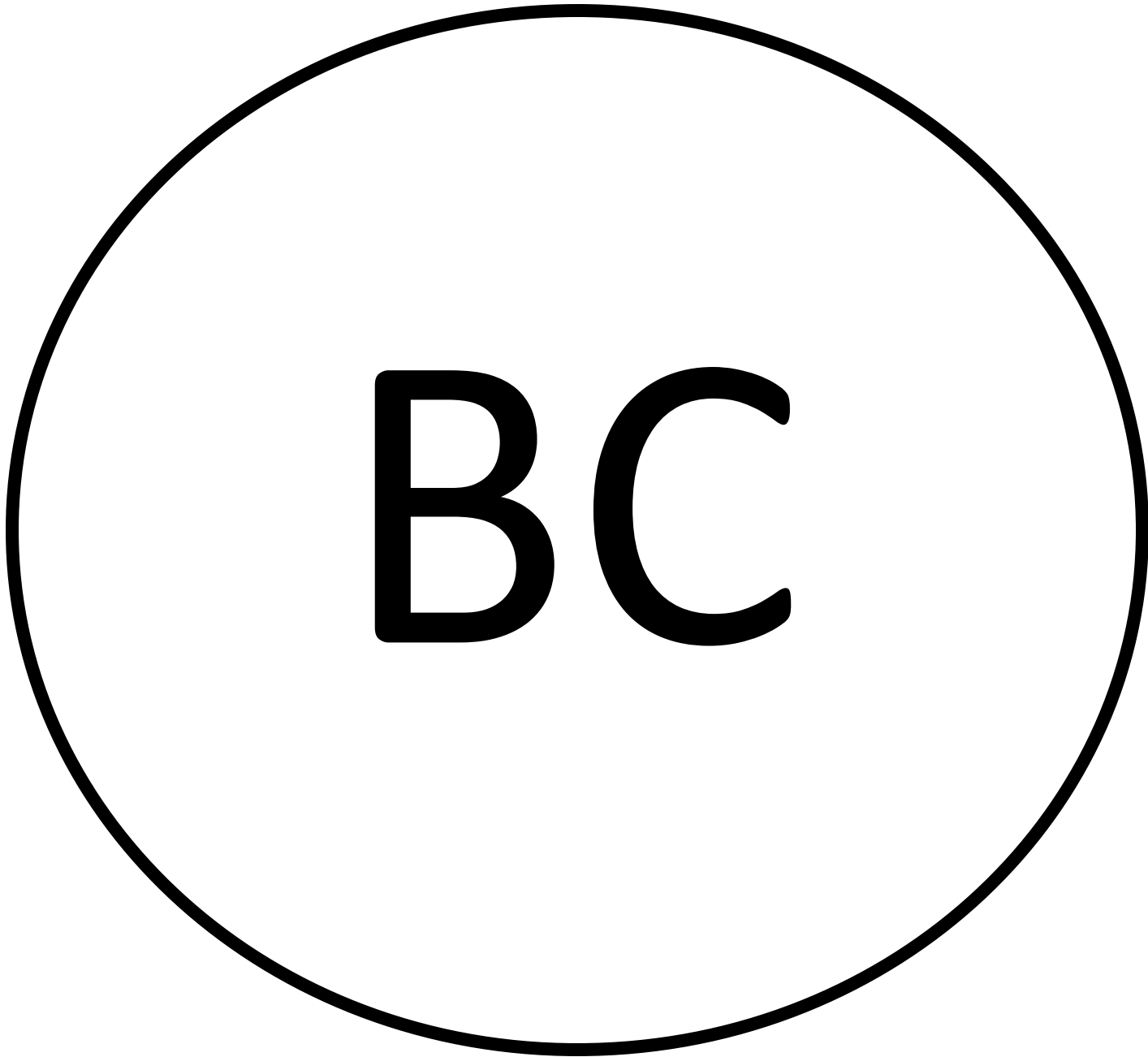
Conscious

5 % CH₄

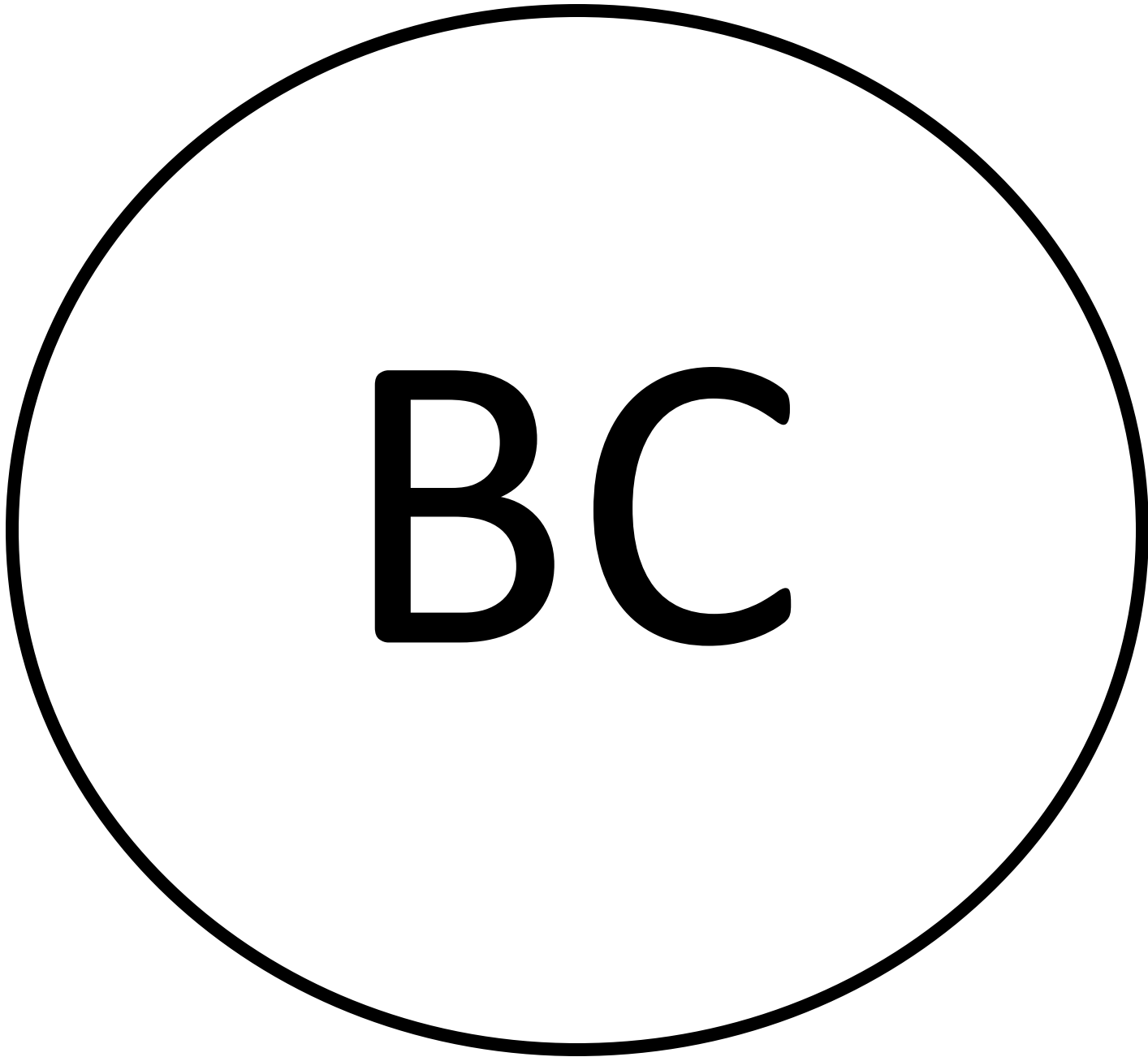
0 PPM CO

16.9 % O₂

5 PPM NO₂



BC



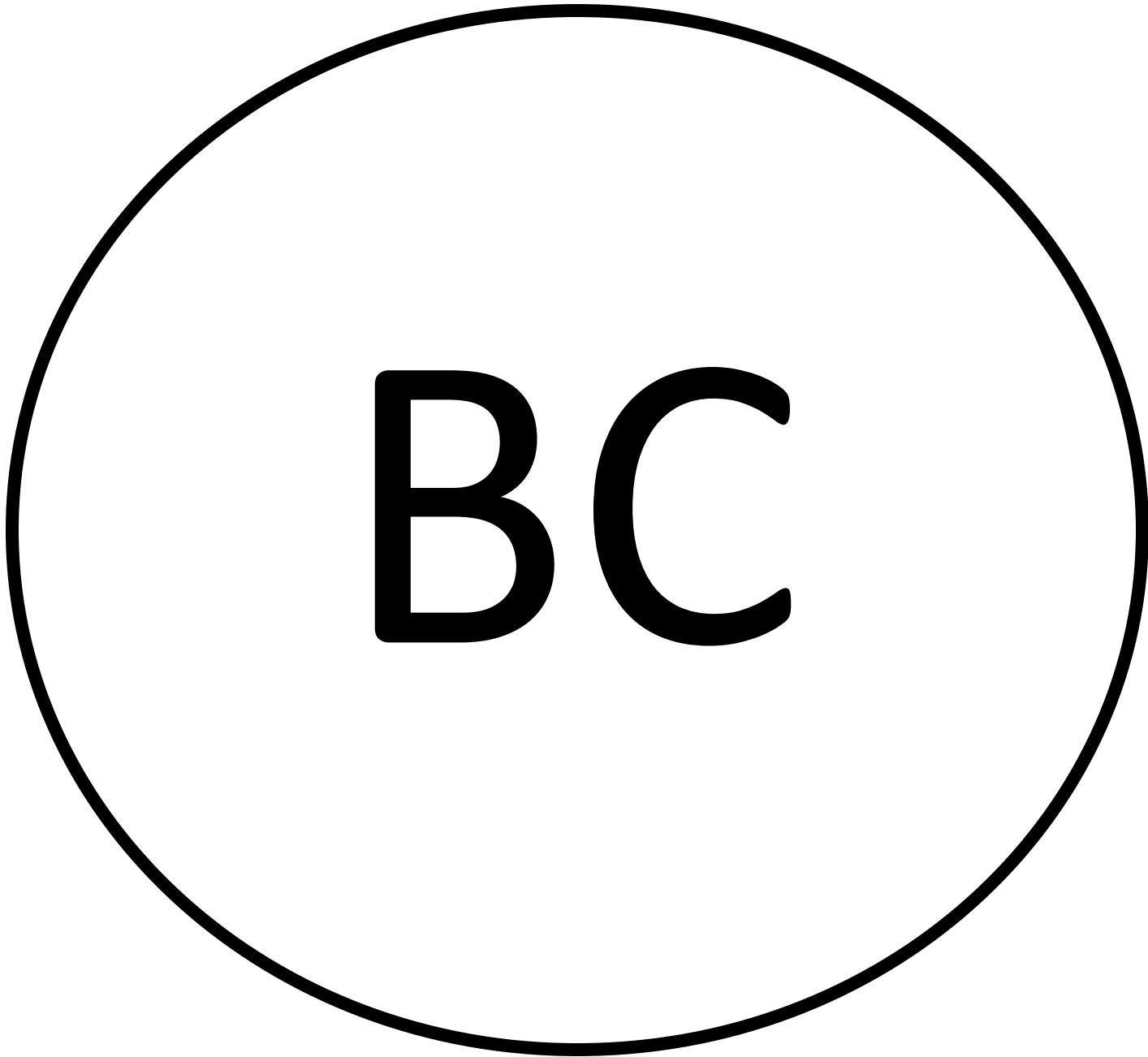
BC

5 % CH₄

0 PPM CO

18 % O₂

15 PPM NO₂



4.9 % CH₄

0 PPM CO

18 % O₂

15 PPM NO₂

Caved

Caved



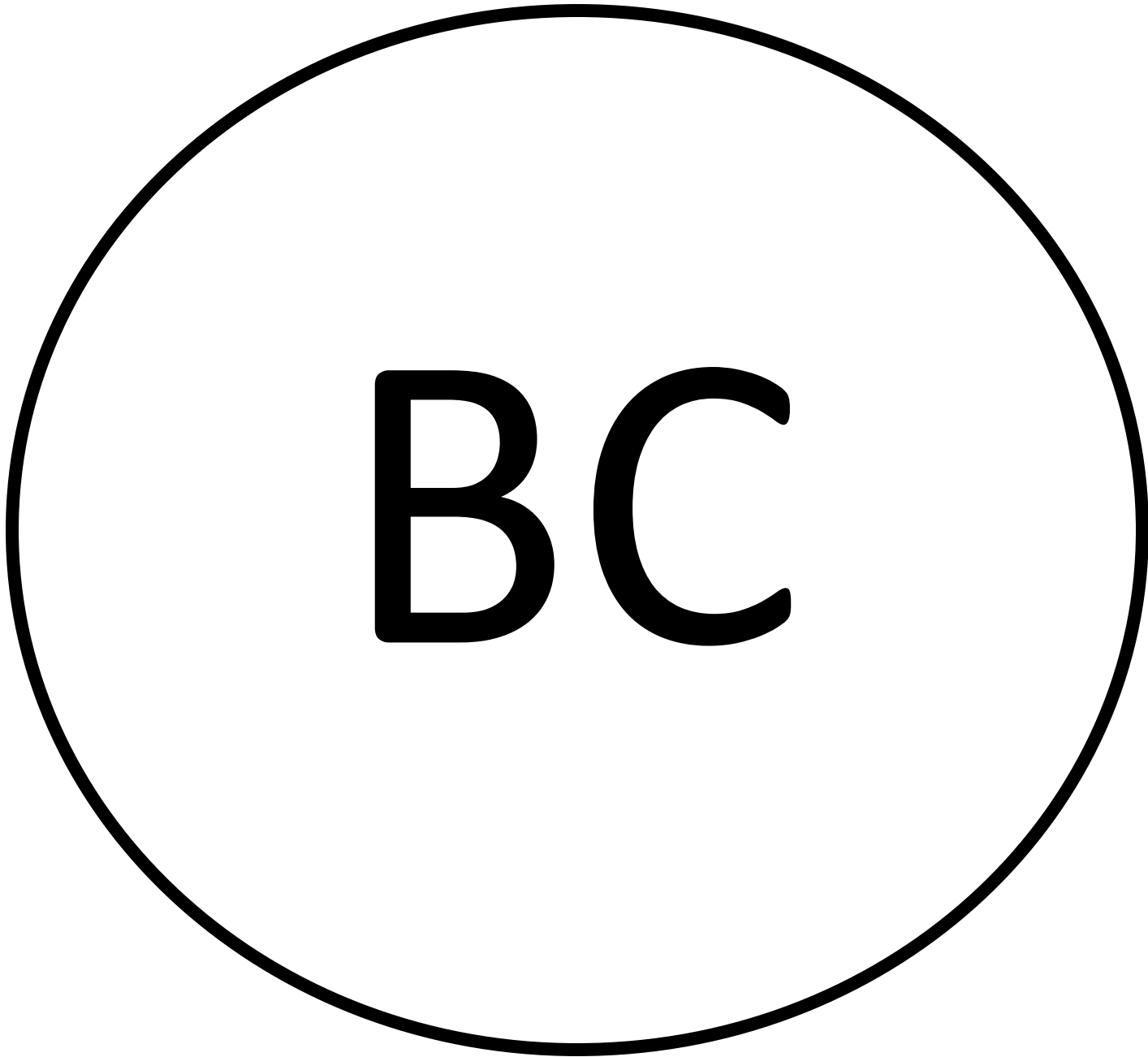
LC

Body

Tom ID #

25

Face



BC

5 % CH₄

0 PPM CO

16.9 % O₂

5 PPM NO₂

Caved

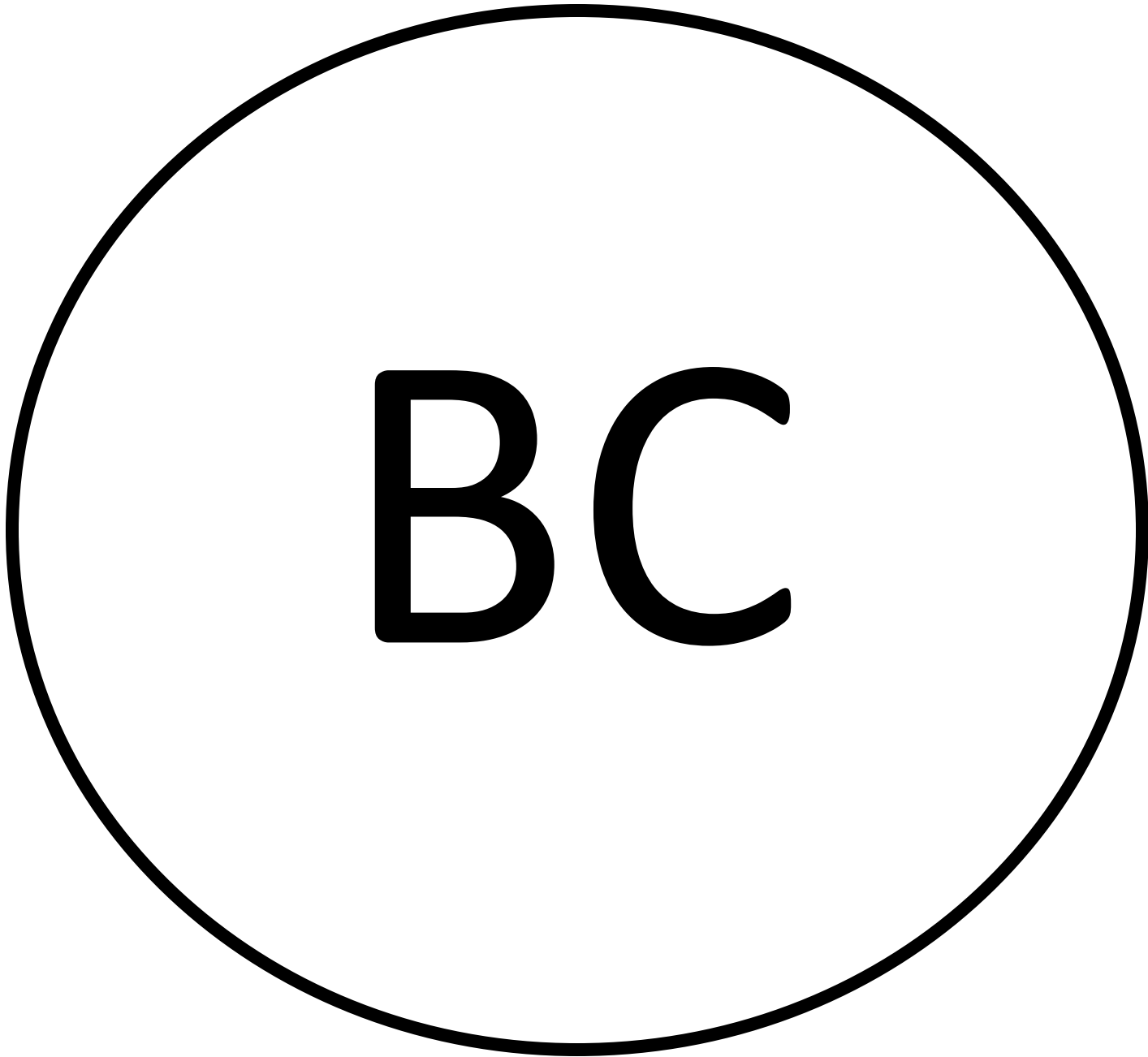
Caved

5 % CH₄

0 PPM CO

16.9 % O₂

5 PPM NO₂



4.9 % CH₄

100 PPM CO

17 % O₂

15 PPM NO₂

4 % CH₄

100 PPM CO

17 % O₂

21 PPM NO₂

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**