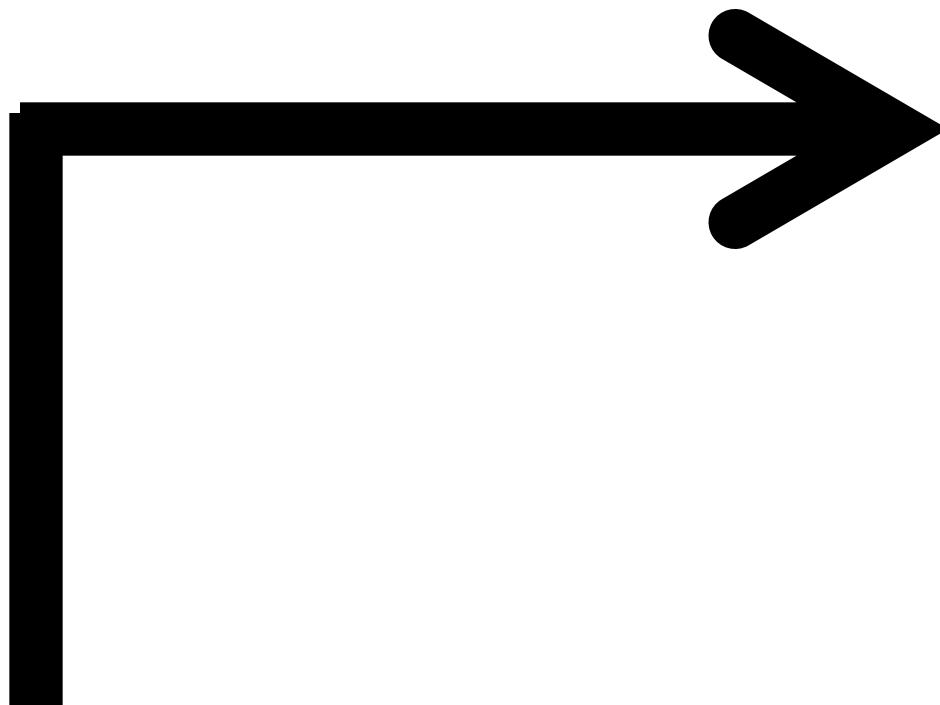


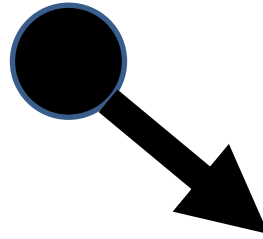
2022 Loveland COAL Day 1



Command Center

ON

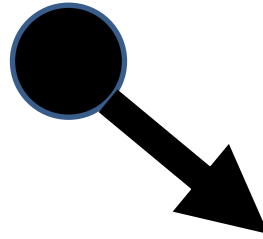
Pump



OFF

ON

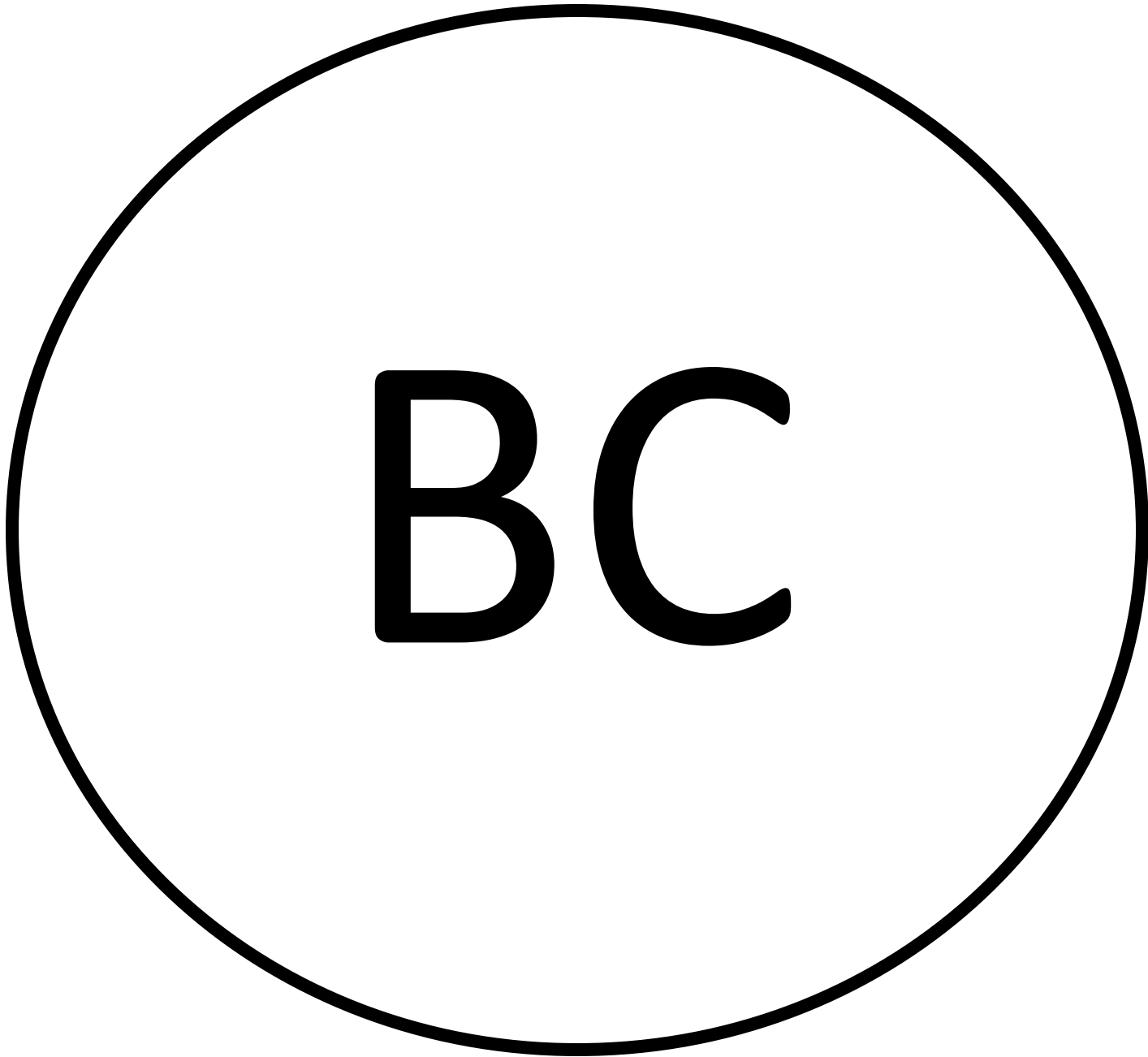
**3 Entry
Shaft Fan**



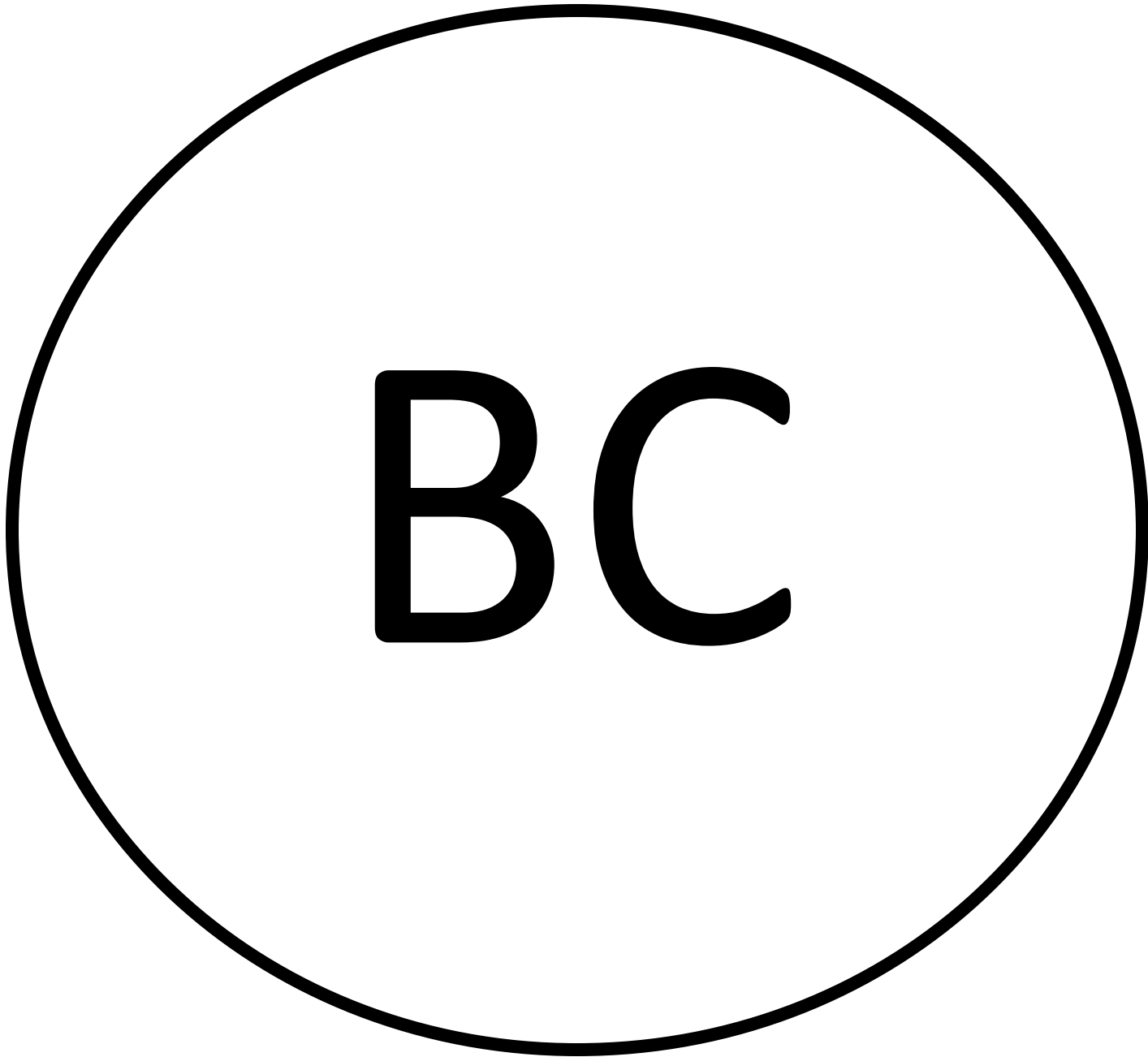
OFF

Pump Cable

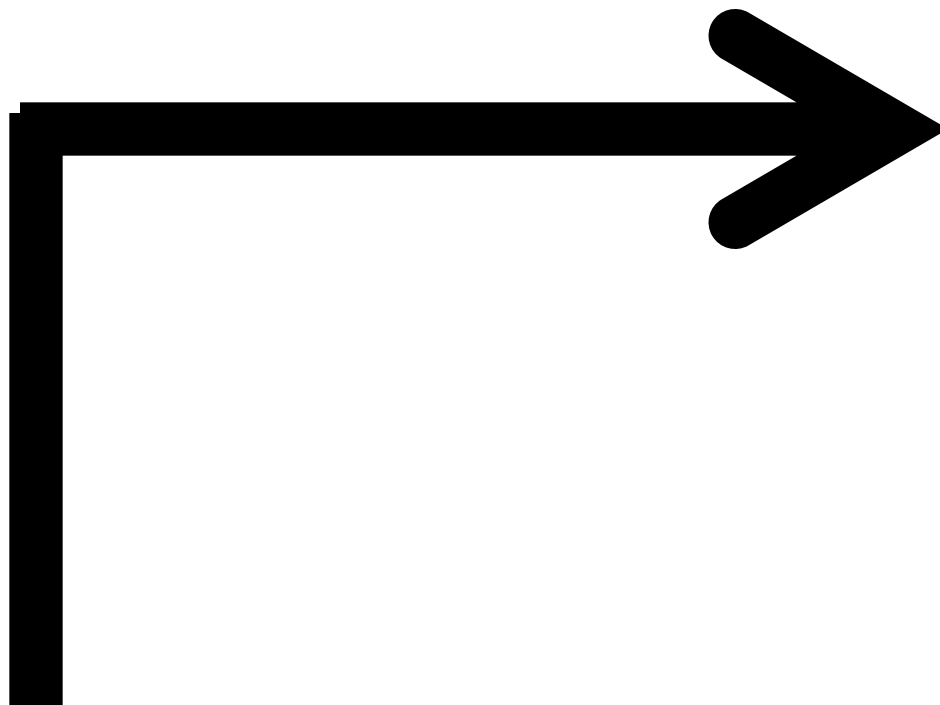
B.O.



BC



Water Discharge Line



5.1 % CH₄

10 PPM CO

19.4 % O₂

Barricade

0.2 % CH₄

51 PPM CO

19.6 % O₂

Barricade

0.2 % CH₄

51 PPM CO

19.6 % O₂

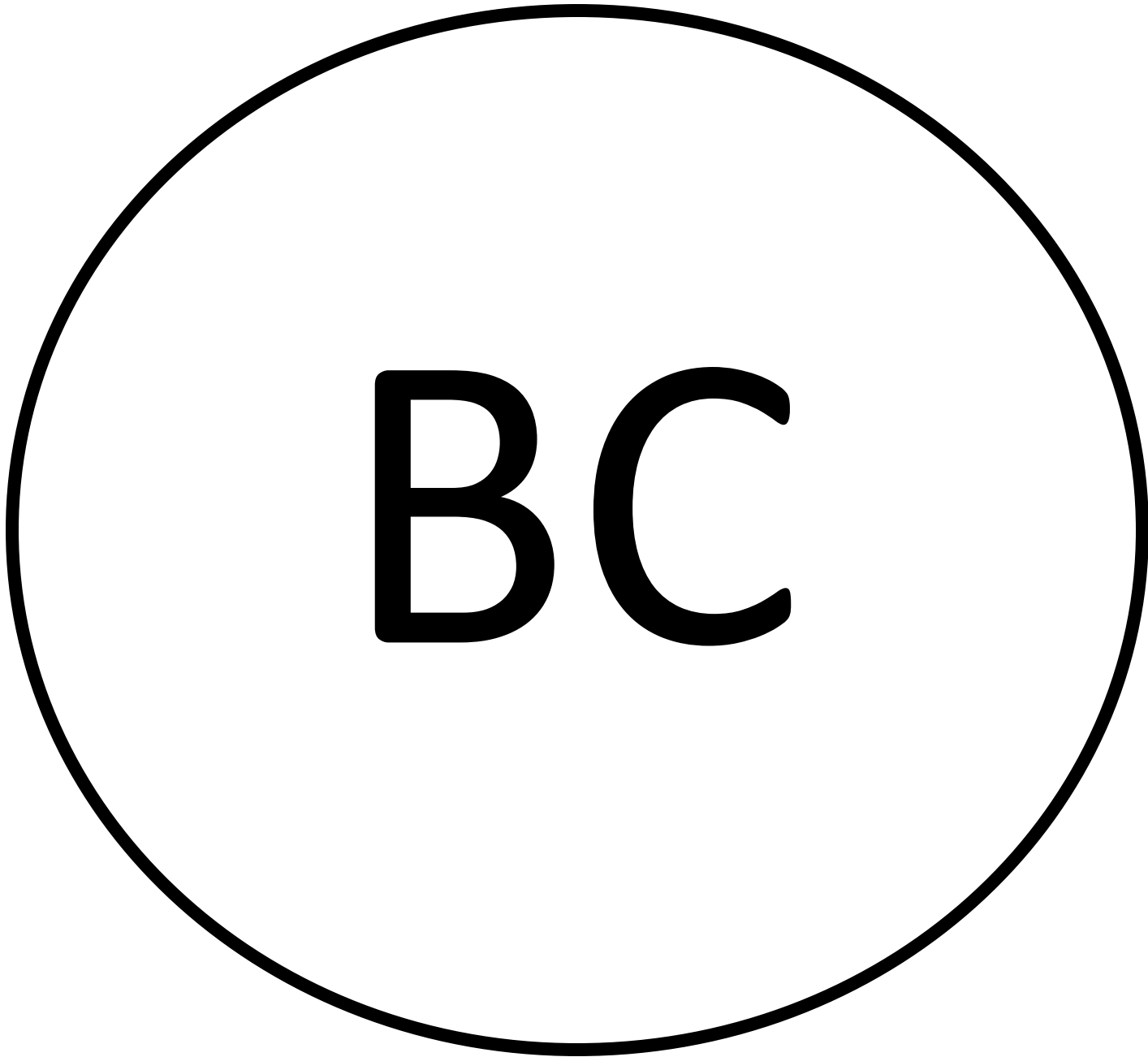
Live Miner

**For Judges:
Live person yells :Help”
when team
acknowledges barricade
from either side**

5.1 % CH₄

10 PPM CO

19.6 % O₂



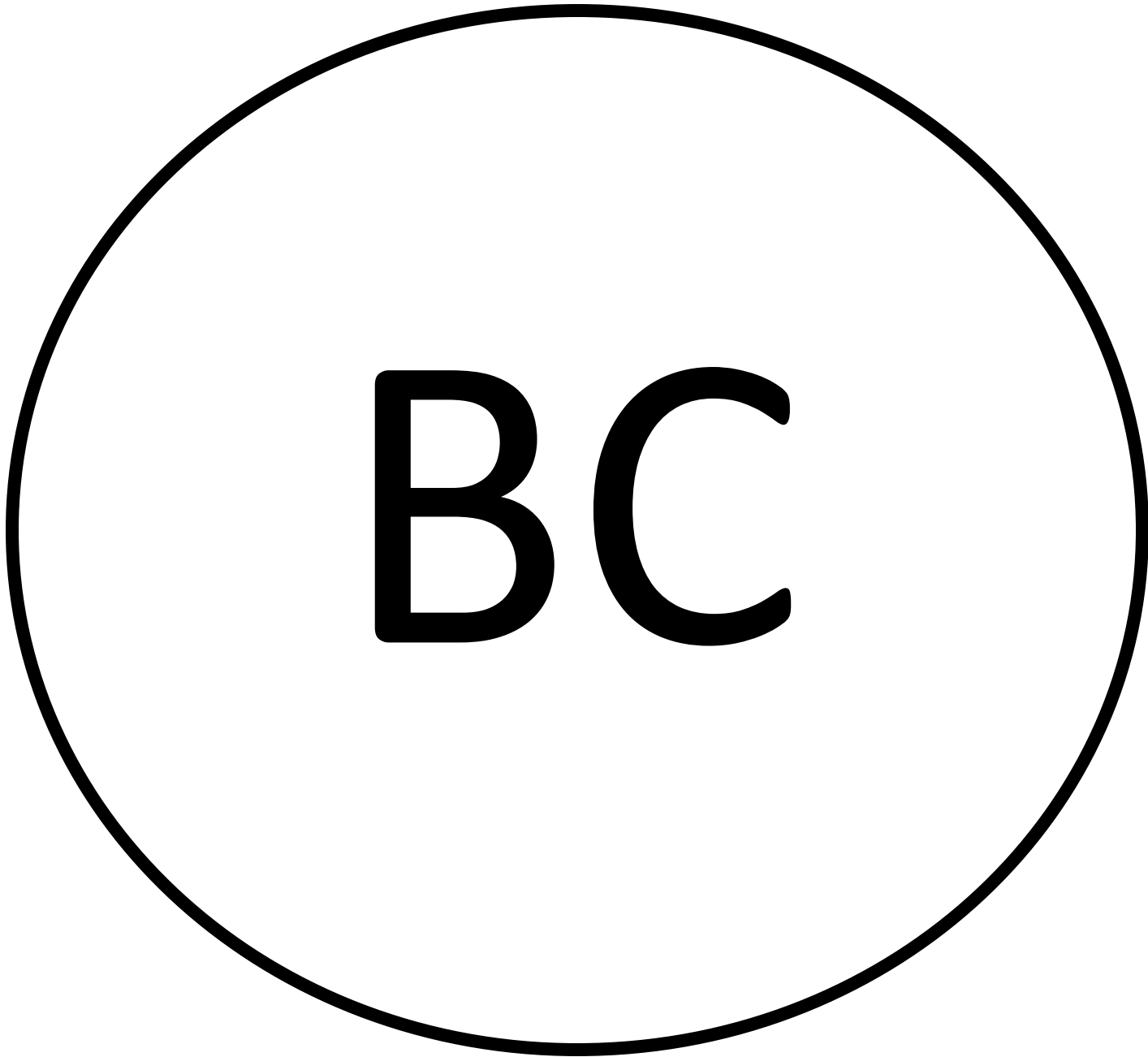
BC

**Permanent
Stopping
Not Intact**

Caved
Airtight

Caved
Airtight

**Water Over
Knee Deep**



Water

Waist Deep

Return Shaft

Seal

**Unsafe
Roof**

**Missing
Person**

Body

**Unsafe
Roof**

0.2 % CH₄

10 PPM CO

18.0 % O₂

Pump Cable

Discharge Line

**Water
Roofed**

Non-movable Electric Pump

0.2 % CH₄

51 PPM CO

12.4 % O₂

Barricade

0.2 % CH₄

51 PPM CO

12.4 % O₂

4

Timbers

Barricade

Live Person
Unconscious

5.1 % CH₄

10 PPM CO

12.4 % O₂

Smoke

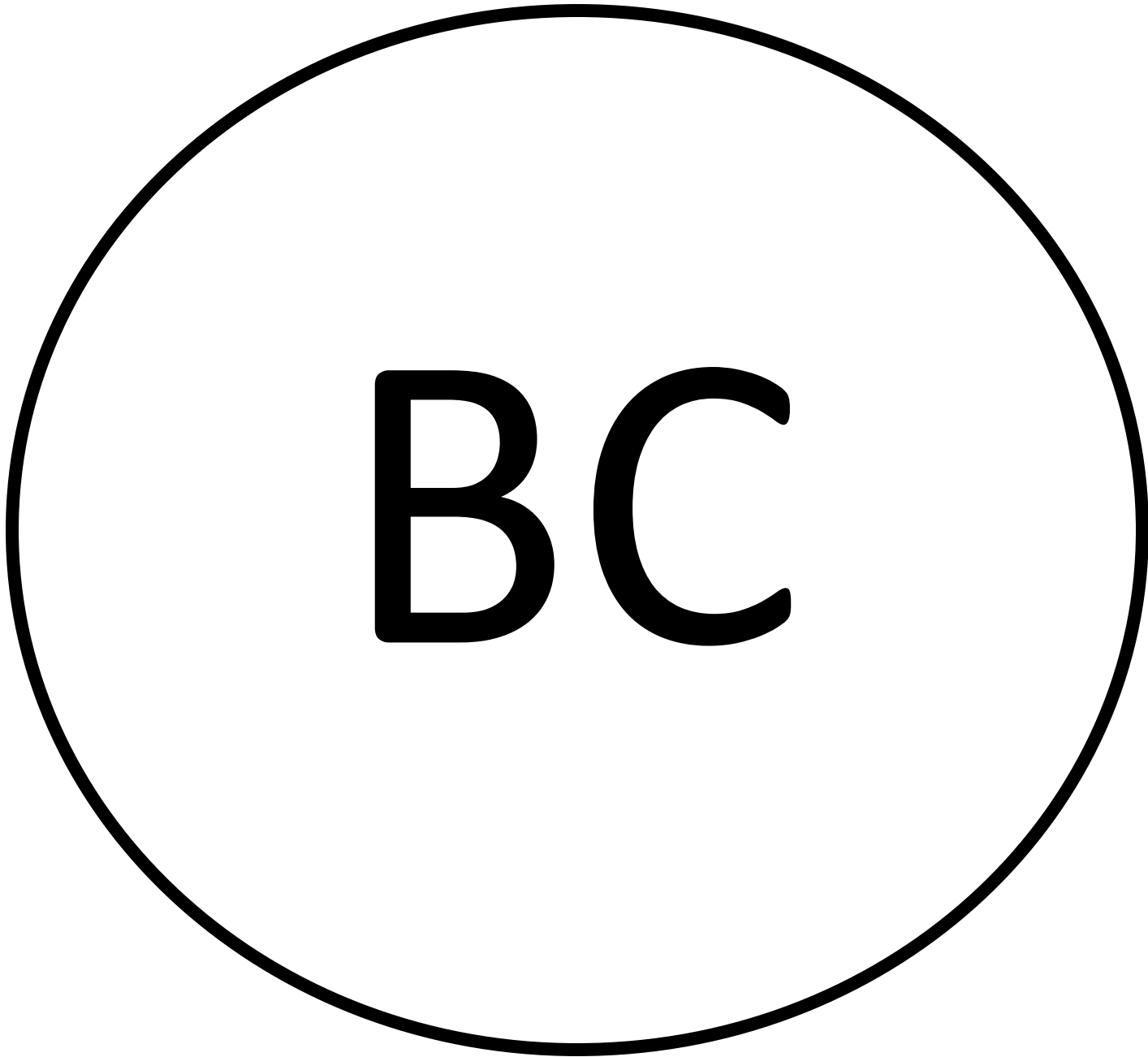
**Seal
Leaking
Smoke**

1.1 % CH₄

10 PPM CO

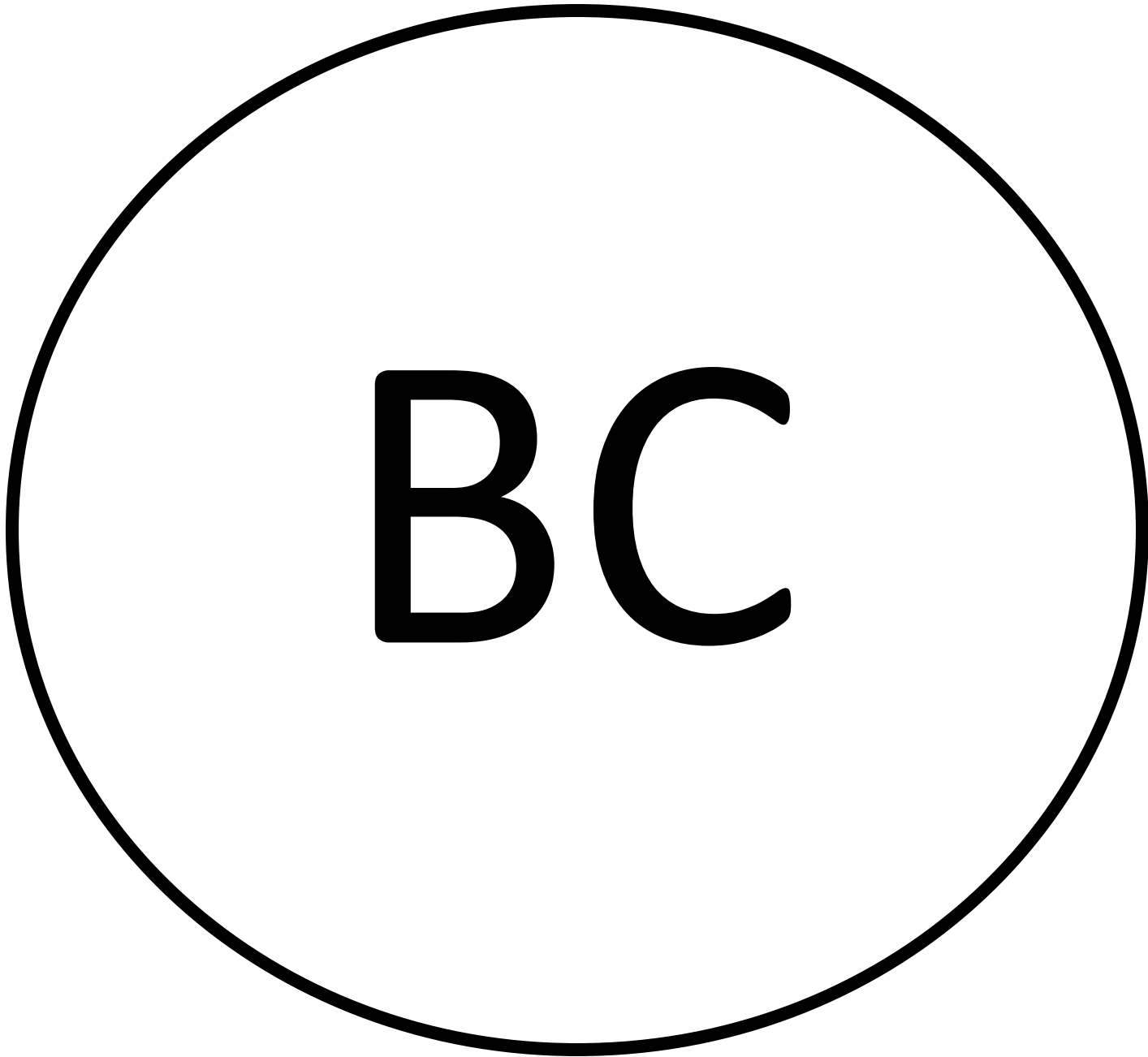
19.6 % O₂

Battery Scoop



BC

Permanent Stopping



BC



LC

Water

Waist Deep

Water

Ankle Deep

Smoke

End of Smoke

**Intake
Shaft With
Blowing
Fan Off**

Seal

**Sample
Pipe Valve
Closed**