

**NDSU**

**Compressed Gas**

**Cylinders**

# NDSU

## Compressed Gas Cylinders

### Safe Operating Procedures

#### I. Introduction

Improper procedures used by NDSU employees can cause injury, disability, or even death. By outlining and following safe operating procedures we learn to prevent injury and safeguard ourselves and our coworkers.

#### II. Purpose

To ensure all employees know the safe operating procedure for storing and handling compressed gas cylinders.

#### III. Goals

To reduce the risk of potential injuries associated with the storage and handling of compressed gas cylinders.

#### IV. Procedure

1. Visually check cylinder/area for existing or potential hazards.
  - a. Gas leaks/smell
  - b. Cylinder condition
  - c. Extreme heat in storage area
  - d. Storage conditons/appropriate holding apparatus
2. Check tags and cylinder markings for tank contents.
3. Before handling a compressed gas cylinder, turn valve off, disconnect regulator, fasten valve cap.
4. Keep secured cylinders in the upright position and move in the upright position.

**Use designated transport/lifting device -Never lift by the valve cap.**

5. Store cylinders in their properly designated area and keep secured IN UPRIGHT POSITION by a chain or strap to prevent tipping.