

CO₂ Applications in Everyday Life

**IN CANADA, AIR LIQUIDE SUPPLIES CO₂
FOR A LARGE RANGE OF APPLICATIONS:**

FOOD & BEVERAGE

- Conservation and carbonation of soft drinks
- Chilling and freezing
- CO₂ enrichment in greenhouses
- Modified atmosphere packaging
- Transportation of certain foods

ENVIRONMENT & WATER TREATMENT

- pH control and regulation of pool and wastewater treatment
- Reuse of water and materials

BUILDING & PUBLIC WORKS

- New building materials

MECHANICAL/METAL CONSTRUCTION

- Shielding gas in semi-automatic welding process

RESEARCH & ANALYSIS

- Extraction processes for labs and research centers
- Extraction of pharmaceutical and biotech components

AERONAUTICS & AUTOMOTIVE

- Calibration
- Emission testing and monitoring
- Engine inspection and testing

OIL & GAS

- Enhanced Oil Recovery (EOR)

PULP & PAPER

- Tail oil neutralization
- Near neutral bleaching
- Lignin precipitation

