



Specialty Gases

Six Critical Factors to High Quality Mixtures

1. High Quality Scales & NIST Traceable Weights



4. State-of-the-Art Analytical Laboratory



2. High Quality Raw Materials & Characterization

- ▶ Purchase Only The Highest Quality Raw Materials
- ▶ In House Purification (as necessary)
- ▶ Detailed Analysis to Develop an Impurity Profile by Individual Lot



5. Extensive Cylinder Prep, Maintenance & Tracking

6. Dedicated Specialty Gas Valves



3. Rigorous Statistical Analysis & Control

- ▶ Single or Dual Certified Blends
- ▶ Primary Standards (2% AA¹, 5% BT²)
- ▶ Working Standards (5% AA¹, 10% BT²)
- ▶ Custom Class Standards (Specific to customer need)

¹ AA - Analytical Accuracy

² BT - Blend Tolerance

Specialty Gas Applications

- UHP Pure Gases - *Analytical Support Gases*
- Hydrocarbon Mixes - *BTU, Custody Transfer*
- UHP Hydrocarbons - *R&D*
- Process Analyzer Standards - *Process Control*
- Liquid Hydrocarbon Blends - *Laboratory Std*
- Sulfur Blends - *Natural Gas, Process Control*
- Pilot Plant Blends - *R&D*



- Hydrocarbon Calibration Standards
- Specialty Gas Handling Equipment
- UHP Pure Gases & Liquids
- Bulk & MicroBulk Gases
- Specialty Gases

281-880-4444

www.twsco-specgas.com

Specialty Gases... Done Right... Right on Time!

5515 W. Richey Rd. Houston, TX 77066