



#### **E & I Contract # CNR01362**



Airgas Capabilities University of Texas Arlington July 1, 2016

Campus Representative: Joe Napieralski (817) 201-8311 joseph.napieralski@airgas.com

## Airgas Team

#### Airgas USA, LLC

- Joe Napieralski University & Life Science Specialist
- David Allen District Manager
- Christopher Gutierrez Regional Outlook/AIM Manager
- Kevin Janowski Director Bulk & Healthcare

#### Local Plants:

- 3415 Banning Street, Dallas
- 319 NE 23<sup>rd</sup> Street, Fort Worth
- 2615 Joe Field Road, Dallas



### Known Locally - Nationwide

~1,100 Locations

875+ branches 325+ HP fill plants 16 ASU's

18 acetylene plants 5 liquid CO<sub>2</sub> production plants 63 regional spec gas labs 8 national spec gas labs 6 hardgoods distribution centers

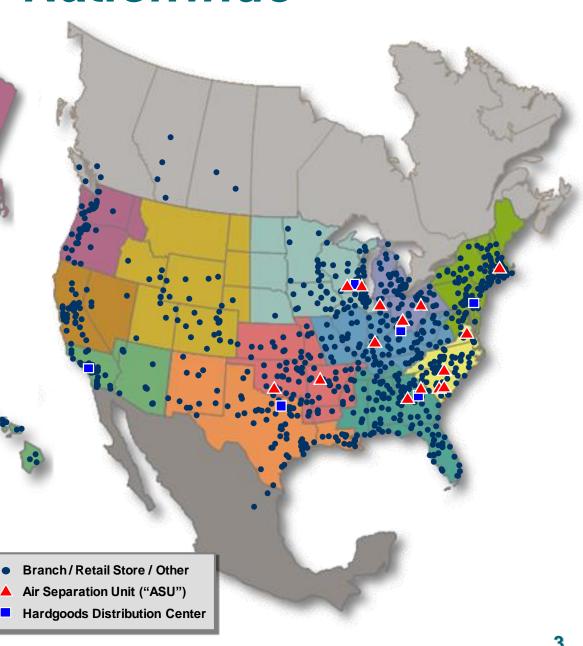
14,000+ Associates

~1,500 sales people (25% specialists) **5,000+ drivers** 

10M+ Cylinders

13,500+ Bulk Tanks

5,000+ Vehicles



## The Right Products for all of UTA Needs and End Users

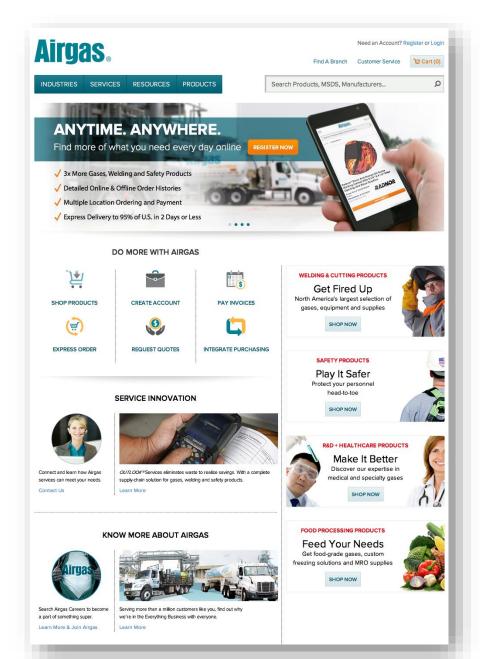
#### Airgas' Unmatched Portfolio of Products & Services:

- Core Specialty Lab Gases & Gas Mixtures
- Bulk and Microbulk Gases
- Process Chemicals & Semiconductor Grade Gases
- Dry Ice & Carbon Dioxide
- Refrigerants Supply & Recycling Services
- Medical & Rare Gases
- Industrial Gases & Equipment
- Specialty Gas Equipment
- Laboratory Safety Products & PPE
- Lecture Bottle Replacement Program
- Emergency Response Services
- Customized eBusiness Solutions B2B or Punch-Out
- On-Site & Inventory Management Services AIM Cylinder Tracking
- Lab Design Services & Custom Gas Management Systems
- Turnkey Cryogenic Solutions for Life Science Research

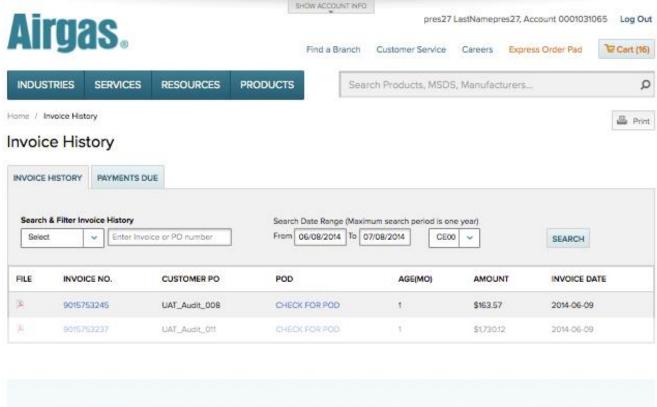
### Added Value for UT Arlington

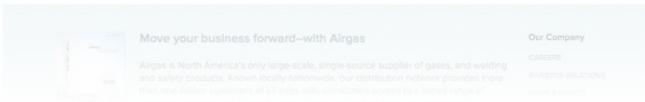
- 1. Electronic Management process:
  - Transactional Transparency
- 2. Airgas' Supply Chain Management
- 3. Safety and Compliance
- 4. Additional Products and Services

## Doing business online with Airgas.com

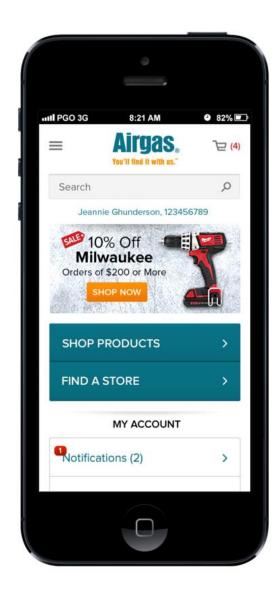


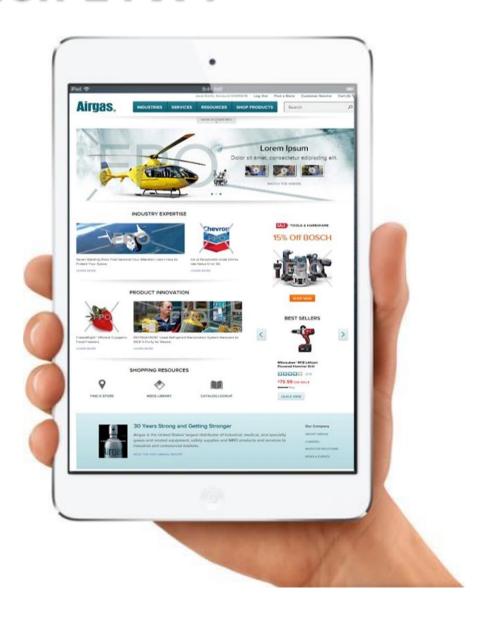
#### **Invoice History**





#### Access to Information 24 X 7





## Airgas Emergency Response Organization

- (AERO) Airgas Gulf Coast Region
- Largest ER Network in the industry
- Team Headquartered in Houston, Tx
  - Trained technicians certified annually
  - HHS, FEMA and State of Texas Emergency Response Gas Company
  - located in metro Houston area
- Fully equipped response trailer
  - Includes all necessary equipment to respond to most gas emergencies
    - Fluorine burner, chlorine kits, high/low pressure containment devices, scrub materials, level A PPE
- Team Response
  - Assess
  - Control
  - Mitigate
  - Remediate



## Campus Walkthrough & Safety Audit Program Safety and Compliance is Paramount

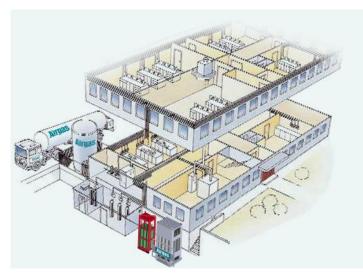
- Safety Audit Checklist
  - Analytical Labs
  - Cryo-storage Facilities
  - Cylinder and Bulk Storage
  - OSHA, NFPA, ANSI, CGA, DOT
- Presentations and Reports
- Safety Training Sessions
  - Gas and High Pressure Cylinder Handling
  - Equipment Operator Training
- Schedule Meetings to Formalize Safety Procedures











## Analytical Components for Gas Line Purity Taylors, SC facility



High Purity Automatic Changeover Panel



Airas

**High Purity Regulators** 

Hydrogen Generator

Flexible Stainless Steel Pigtails





High Purity Flow Meters

Zero Air Generator





SIR with Tee-Purge Assembly

High Purity Line Regulator

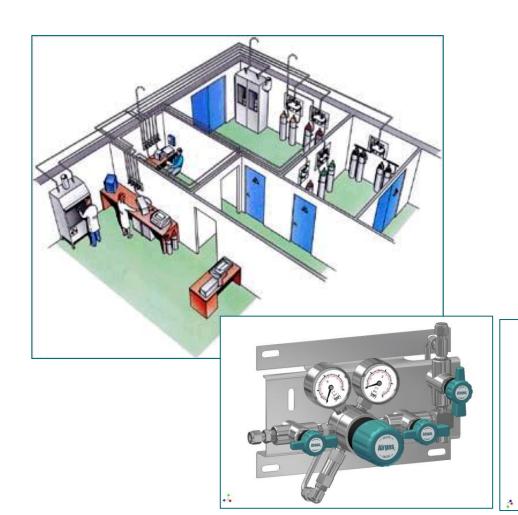


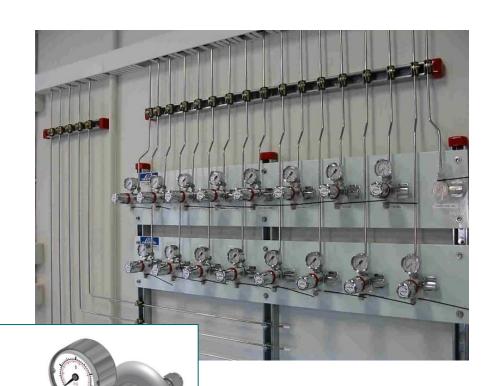


Tee-Purge

### Analytical Laboratory Design

- Central Gas Management and Supply Systems
- Turn-key Laboratory Piping Design and Installation Solutions
- High Purity Point-of-Use Equipment





### Research University Applications



**Nuclear Magnetic Resonance (NMR)** 

- Helium and nitrogen cryogens
- Cryogen equipment



**LIN Storage** 

- Nitrogen (dewars, Microbulk, bulk)
- Cryogen handling equipment
- RDF, inventory systems, supplies



Mechanical and Other Storage

- Backup cryogens (CO<sub>2</sub>, nitrogen)
  - Scales, supply mode change equipment
    - Dry ice



**Glove Boxes** 

- Nitrogen (dewars, microbulk, bulk)
- Argon (dewars, Microbulk, bulk)



**Laboratory GC** 

- MS, ICPMS, ICP, ECD, FID
- Various analytical gases



**Laser Research** 

- Pure Gases
- Mixed and Rare Gases



**Medical Research** 

- Electron microscope nitrogen
  - Anaerobic and Culture Gases
    - Oxygen for fermentation



**Animal Research** 

- Nitrous oxide
  - CO<sub>2</sub>
- CO<sub>2</sub>/O<sub>2</sub> blends



Advanced Engineering and Electronics

- -Gas Cabinets & Equipment
- -Research Grade Products



# For more information or to open an account contact:

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