

MANAGEMENT SYSTEM CERTIFICATE

Certificate No:
CERT-03207-2006-AQ-HOU-ANAB

Initial certification date:
12 March, 2001

Valid:
08 October, 2018 - 08 October, 2021

This is to certify that the management system of

Air Liquide Electronics

9101 LBJ Freeway, Suite 800, Dallas, TX, 75243, USA
and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:

The Design, Development, Manufacture and Distribution of Specialty Gases and Chemicals for Electronics Industry, Engineering, Manufacture, Installation and Certification of Gas/Chemical Systems and Equipment, Total Gas and Chemical Management and Analytical Services

Place and date:
Katy, TX, 28 September, 2018

For the issuing office:
DNV GL – Business Assurance
1400 Ravello Drive, Katy, TX, 77449-5164,
USA



John C Stefan
Management Representative

Certificate No: CERT-03207-2006-AQ-HOU-ANAB
Place and date: Katy, TX, 28 September, 2018

Appendix to Certificate

Air Liquide Electronics

Locations included in the certification are as follows:

| Site Name | Site Address | Site Scope |
|---|--|--|
| Air Liquide Electronics U.S. LP HQ | 9101 LBJ Freeway, Suite 800, Dallas, TX, 75243, USA | The Design, Development, Manufacture and Distribution of Specialty Gasses and Semiconductor Process Chemicals. Total Gas Management and Chemical Management of Gas/Chemical Systems and Equipment. |
| Air Liquide Electronics Dallas Chemical Center | 13546 N. Central Expressway, Dallas, TX, 75243, USA | Management Inventory Control, Planning, Receiving / Warehouse / Shipping, Chemical Production Equipment / Facilities, Advanced Products Development |
| Air Liquide Electronics REC Gas Plant | 33220 Road N NE, Moses Lake, WA, 98837, USA | Bulk Gas Production |
| Air Liquide Electronics Advanced Equipment Systems | 18761 Lake Drive East, Chanhassen, MN, 55317, USA | Chemical Equipment Manufacturing |
| Air Liquide Electronics BBR3 | 6428 Highway 75 South M/S 813 Gate-8, Sherman, TX, 75090, USA | Chemical Manufacturing |
| Air Liquide Electronics Balazs Nano-Analysis Laboratory | 13546 North Central Expressway, Dallas, TX, 75234, USA | Analytical Services; Research and Development |
| Air Liquide Electronics Balazs Nano-Analysis Laboratory | 46409 Landing Parkway, Fremont, CA, 94538, USA | Analytical Services; Research and Development |
| Air Liquide Electronics CNSE TGCM | 255 Fuller Road, Albany, NY, 12203, USA | Total Gas and Chemical Management |
| Air Liquide Electronics DBUMP TGCM | 13532 North Central Expressway, Dallas, TX, 75243, USA | Total Gas and Chemical Management |
| Air Liquide Electronics DFAB TGCM | 15356 North Central Expressway, Dallas, TX, 75243, USA | Total Gas and Chemical Management |
| Air Liquide Electronics DMOS 5 TGCM | 13353 North Central Parkway, Dallas, TX, 75243, USA | Total Gas and Chemical Management |
| Air Liquide Electronics DMOS 6 TGCM | 13011 North Central Expressway, Dallas, TX, 75243, USA | Total Gas/Chemical Management |
| Air Liquide Electronics Global Foundries Gas Plant | 400 Stone Break Extension, Malta, NY, 12020, USA | Bulk Gas Production |
| Air Liquide Electronics Global Foundries TGCM | 400 Stone Break Extension, Malta, NY, 12020, USA | Total Gas and Chemical Management |
| Air Liquide Electronics IBM Gas Plant | 159 Pearl Street, Suite 325, Ess. Junction, VT, 5452, USA | Bulk Gas Production |
| Air Liquide Electronics IMFT TGCM | 4000 North Flash Drive, Lihl, Utah, 84043, USA | Total Gas and Chemical Management |
| Air Liquide Electronics Morrisville ESG Facility | 19 Steel Road West, Morrisville, PA, 19067, USA | Electronic Specialty Gas Production/Filling |
| Air Liquide Electronics Qorvo TGCM | 500 West Renner Road, Richardson, TX, 75080, USA | Total Gas and Chemical Management |
| Air Liquide Electronics RFAB TGCM | 300 West Renner Road, Richardson, TX, 75080, USA | Total Gas and Chemical Management |
| Air Liquide Electronics SFAB TGCM | 6428 Highway 75 South, M/S 813, Sherman, TX, 75090, USA | Total Gas and Chemical Management |
| Air Liquide Electronics Sandia National Laboratories Gas Plant | 2226-B Wyoming Blvd. NEPM5291, Albuquerque, NM, 87112, USA | Bulk Gas Production |
| Air Liquide Electronics TI Boulevard Gas Plant | 13140 TI Boulevard, Dallas, TX, 75243, USA | Bulk Gas Production |
| Air Liquide Electronics XFAB TGCM | 2301 North University Avenue, Lubbock, TX, TX, USA | Total Gas and Chemical Management |