

**State of California  
AIR RESOURCES BOARD**

**EXECUTIVE ORDER G-19-217**

**Relating to Certification of Small Containers of Automotive Refrigerant**

**For TSI, Inc.**

**Brand: Avalanche  
Model: AVL101SVCA and AVL345SVCA**

WHEREAS, the California Air Resources Board (CARB) has established, pursuant to California Health and Safety Code sections 38501, 38510, 38560, 38560.5, 38580, 39600 and 39601, criteria for obtaining certification of small containers of automotive refrigerant in "Certification Procedures for Small Containers of Automotive Refrigerant," last amended April 13, 2017, incorporated by reference into Title 17, California Code of Regulations sections 95362(b), 95365(c), 95366(e), and 95368(d);

WHEREAS, the "Certification Procedures for Small Containers of Automotive Refrigerant," last amended April 13, 2017 (hereinafter "Certification Procedures"), incorporated by reference into Title 17, California Code of Regulations sections 95362(b), 95365(c), 95366(e), and 95368(d) requires that an application for certification include test data from each test specified in CARB Test Procedure TP-503: "Test Procedure for Leaks from Small Containers of Automotive Refrigerant."

WHEREAS, Section 1 of the Certification Procedures provides that an Executive Order will only be issued for a small container of automotive refrigerant that demonstrates compliance with all applicable certification requirements;

WHEREAS, Section 3 of the Certification Procedures requires an applicant to submit specified information in its application for certification;

WHEREAS, TSI, Inc. has submitted an application for certification of the following small container of automotive refrigerant: AVL101SVCA and AVL345SVCA (Avalanche)

WHEREAS, TSI, Inc. has submitted data generated from each test specified in CARB Test Procedure TP-503: "Test Procedure for Leaks from Small Containers of Automotive Refrigerant," that demonstrates its AVL101SVCA and AVL345SVCA (Avalanche) small containers of automotive refrigerant comply with each requirement specified in Section 2.1 of the Certification Procedures;

WHEREAS, TSI, Inc. has submitted the bill of materials and engineering drawings of AVL101SVCA and AVL345SVCA (Avalanche) small containers of automotive refrigerant that specify the dimensions specific to those small containers of automotive refrigerant;

WHEREAS, TSI, Inc. has submitted a sample of AVL101SVCA and AVL345SVCA (Avalanche) small containers of automotive refrigerant;

WHEREAS, TSI, Inc. has submitted all of the information specified by Sections 2.2 through 2.4 of the Certification Procedures in its application for certification of its AVL101SVCA and AVL345SVCA (Avalanche) small containers of automotive refrigerant;

WHEREAS, TSI, Inc.'s has submitted a signed proposal in response to CARB's inquiry involving the effectiveness of recycling program, which contains the following actions:

1. TSI, Inc. will work with Auto Care Council to provide information to both the public and retail stores.
2. TSI, Inc. will report can returns including cans that are not their own.

WHEREAS, TSI, Inc.'s application for certification of its AVL101SVCA and AVL345SVCA (Avalanche) small containers of automotive refrigerant has been evaluated and found to comply with the criteria for the issuance of an executive order;

NOW THEREFORE, pursuant to the authority vested in the CARB by sections 38501, 38510, 38560, 38560.5, 38580, 39600 and 39601 of the Health and Safety Code, and pursuant to the authority vested in the undersigned by sections 39515 and 39516 of the Health and Safety Code;

IT IS ORDERED AND RESOLVED that AVL101SVCA and AVL345SVCA (Avalanche) small containers of automotive refrigerant produced by TSI, Inc. as described in TSI, Inc.'s application for certification, is hereby certified to meet the performance standards and administrative requirements applicable to small containers of automotive refrigerant.

IT IS FURTHER ORDERED that this certification is subject to the following conditions:

1. Production containers must be in all material respect the same as those for which certification is granted and shall meet all the certification requirements;
2. TSI, Inc. must comply with the recycling reporting requirements specified in title 17, California Code of Regulations sections 95367, and demonstrate the

effectiveness of additional actions proposed by TSI and assess if additional actions are needed to improve the recycling program;

3. TSI, Inc. must comply with the recordkeeping requirements specified in title 17, California Code of Regulations sections 95369;
4. Any modification to the design or specifications of a small container of automotive refrigerant certified hereby is prohibited and is inconsistent with this certification, unless said modification has been previously approved by the Executive Officer or his or her designee;

IT IS FURTHER ORDERED that the Executive Officer may enjoin sales, assess penalties, or revoke or modify this certification as provided in Title 17, California Code of Regulations sections 95368 if the Executive Officer determines that AVL101SVCA and AVL345SVCA (Avalanche) small containers of automotive refrigerant available for sale in California does not meet the certification requirements including the testing in accordance with Test Procedure TP-503, Test Procedure for Leaks from Small Containers of Automotive Refrigerant, last amended April 13, 2017.

Executed at Sacramento, California this 29<sup>th</sup> day of December 2019.



Michael FitzGibbon, P.E.  
Chief, Atmospheric Science and  
Climate Strategies Branch  
Research Division

