



South Coast Air Quality Management District

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December 21, 2015

Mr. Charles Aiello
Vice President of Sales
Midco International Inc.
4140 W. Victoria Street
Chicago, Illinois 60646

Dear Mr. Aiello:

Subject: Approval of Request for Modification to the letter of Certification under Rule 1147 (e) by changing the model number of one air make-up unit listed under USI (Application No. 577969)

Reference is made to the above application which you submitted requesting to change the model number of one USI air make-up unit listed in the certification letter dated September 11, 2001. In your letter dated August 28, 2015, you indicated that to be able to track their units USI issued a different model number for the air make-up unit included in the certification to differentiate them from their standard model but you did not provide the correct model number during the certification. You indicated that the unit has not changed and Midco will guarantee that the air make-up unit with the new model number using Midco LNB 1000 burner will comply with Rule 1147.

As reported in your document entitled "NO_x Emissions Test Report for Midco International, Inc. Direct-Fired Make-up Air Heater Burner for Spray Booth Application Conducted for Compliance to SCAQMD Rule 1147" dated July 8, 2011 and additional information submitted by e-mails on September 1 and 14, 2011 which were reviewed by the South Coast Air Quality Management District, the results of the testing performed indicate that the Midco Model LNB 1000 burner has NO_x emissions of less than 30 ppm @ 3% O₂. As a result, the Midco Model LNB 1000 burner when exclusively used in make-up air units, identified in Tables I and II, for automotive spray booths is approved for operation pursuant to Rule 1147, NO_x Reductions from Miscellaneous Sources, Subdivision (e), Certification. This approval letter is subject to the following conditions.

1. Midco International Inc. shall supply written notification with each Midco Model LNB 1000 burner sold or distributed for use within the jurisdiction of the South Coast Air Quality Management District stating that the burner is only approved when used in make-up air units, with parameters listed in Tables I and II, for automotive spray booths.
2. Midco International Inc. shall supply written notification with each Midco Model LNB 1000 burner sold or distributed for use within the jurisdiction of the

South Coast Air Quality Management District stating that the burner shall comply with the provisions of Rule 1147 subdivision (c).

3. The Midco Model LNB 1000 burner shall be equipped with a limiting gas orifice (Part No. 5246-28) and EBM G170 combustion blower Model No. G1G170-AB05-20 (Part No. 8435-23). The gas orifice shall be set at the factory and designed in a manner that the end users cannot physically make any adjustment. Midco International Inc. shall supply written notification with each Midco Model LNB 1000 burner sold or distributed for use within the jurisdiction of the South Coast Air Quality Management District stating that using a different combustion blower, or modifying the factory set location or size of the gas orifice shall invalidate the burner certification.
4. The make-up air units listed in Tables I and II shall have a permanent label identifying the unit model number and the District certification status. The label shall be placed in a conspicuous location.
5. This approval is only valid for the Midco Model LNB 1000 burner tested. Any modification of the burner assembly design shall invalidate this approval unless the modification is approved in writing by the South Coast Air Quality Management District.
6. This approval is valid until September 21, 2016.
7. This approval supersedes the approval letter dated September 21, 2011.

If you have any questions regarding this approval, please call Van Phan at (909) 396-2563 or send her an e-mail at vphan@aqmd.gov.

Sincerely,



Amir Dejbakhsh
Assistant Deputy Executive Officer
Engineering and Compliance

Table I
Push Thru Make-Up Air Unit

| Manufacturer | Model No. | Maximum Blower Capacity (CFM) | Fire Box Dimensions | |
|------------------------|-----------------------|-------------------------------|---------------------|------------|
| | | | Length (in) | Width (in) |
| California Spray Booth | YK800 | 14,000 | 47 | 43 |
| Garmat USA | 99273 Mechanical | 14,000 | 43 | 18 |
| GFS-Blowtherm | AH-10 | 15,000 | 42 | 28 |
| | AH-12 | | | |
| | AHFD2100 | | | |
| | AHFD2400C | | | |
| | AHRC2100-C | | | |
| | AHRC2400C | | | |
| | BT1200RC | | | |
| | GUL 2000 | | | |
| | 2X7.5DF-B | | | |
| | 2X7.5DF-P | | | |
| | 2X10DF-B | | | |
| 2X10DF-C | | | | |
| Global Spray | Magic Spray | 14,500 | 48 | 44 |
| Nova Verta | Raptor | 12,000 | 31.5 | 53 |
| SprayZone | Crossfire | 12,900 | 42 | 44 |
| USI | RAC100TU+DF-450KWT-ES | 11,200 | 41 | 39 |
| | RAC150TU+DF-450KWT-ES | 14,100 | 41 | 39 |

Table II
Pull Thru Make-Up Air Unit

| Manufacturer | Model No. | Maximum Blower Capacity (CFM) | Fire Box Dimensions | |
|--------------|--------------|-------------------------------|---------------------|------------|
| | | | Length (in) | Width (in) |
| Garmat USA | 42010 | 11,000 | 26 | 20 |
| | 42106 | | | |
| | 42106X | | | |
| | 48106 | | | |
| | 48106X | | | |
| | 46008 | | | |
| | 46008X | | | |
| GFS | Space Saver | 12,000 | 29 | 49.75 |
| SprayZone | Cure Zone 1M | 12,000 | 29 | 44 |