



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
RESEARCH TRIANGLE PARK, NC 27711

Mr. Tony Larimer  
Director of Sales and Marketing  
Dan-Am Company  
1 SATA Drive  
Spring Valley, Minnesota 55975

AUG 31 2015

OFFICE OF  
AIR QUALITY PLANNING  
AND STANDARDS

Dear Mr. Larimer:

This letter is in response to your request for approval of the non-digital and digital versions of the SATAjet 5000 B RP spray gun, as equivalent to the transfer efficiency achieved by high-volume, low-pressure (HVLP) spray guns, for use when spray applying automotive refinish coatings under Clean Air Act regulations, subpart HHHHHH of 40 Code of Federal Regulations (CFR) Part 63. These spray guns are approved, with conditions outlined below, for operations subject to the regulations cited below.

We have completed our review of your reports entitled:

“Evaluation of the SATAjet 5000 B RP nondigital and SATAjet 5000 B RP digital spray guns for use in the South Coast Air Quality Management District (SCAQMD)” dated February 10, 2015.

The results of the transfer efficiency testing performed indicate that the SATAjet 5000 B RP spray guns are capable of achieving equivalent or better transfer efficiency than HVLP spray equipment. As a result, the SATAjet 5000 B RP spray guns are approved for operations subject to §63.11173(e)(3) of 40 CFR Part 63 Subpart HHHHHH, Paint Stripping and Miscellaneous Surface Coating Operations. This approval is subject to the following conditions.

1. SATA Farbspritz-technik GmbH & Co. KG shall supply written notification with each SATAjet 5000 B RP spray gun sold or distributed that the spray gun is approved as providing equivalent transfer efficiency as HVLP spray guns for the application of coatings subject to 40 CFR Part 63 Subpart HHHHHH. This written notification requirement may be fulfilled by including a copy of this approval letter with the documentation provided to the purchaser of the spray gun.
2. This approval is only valid if the air pressure supplied to the SATAjet 5000 B RP spray gun is equal to or less than 30 pounds per square inch gage (psig.) SATA Farbspritz-technik GmbH & Co. KG shall supply written notification with each SATAjet 5000 B RP spray gun sold or distributed that the maximum air pressure supplied to the spray gun shall not exceed 30 psig for the application of coatings subject to 40 CFR Part 63 Subpart HHHHHH.
3. SATA Farbspritz-technik GmbH & Co. KG shall supply a SATA air micrometer with gauge 0/845 (product number 27771), SATA adam digital air micrometer with gauge (product number

130146), SATA adam 2 digital air micrometer with gauge (product number 160853), or SATA adam 2 U air micrometer with digital gauge (product number 195222) with each SATAjet 5000 B RP spray gun sold or distributed. SATA Farbspritz-technik GmbH & Co. KG shall supply written notification with each SATAjet spray gun sold or distributed that the SATA air micrometer with gauge 0/8455 (product number 27771), SATA adam digital air micrometer with gauge (product number 130146), SATA adam 2 digital air micrometer with gauge (product number 160853), or SATA adam 2 U air micrometer with digital gauge (product number 195222) shall be attached to the spray gun and be in good working condition and reading no greater than 30 psig whenever the spray gun is in operation for the application of coatings subject to 40 CFR Part 63 Subpart HHHHHH.

4. This approval is only valid if, during actual operation, the SATAjet 5000 B RP spray gun is equipped with a properly operating SATA air micrometer with gauge 0/845 (product number 27771), SATA adam digital air micrometer with gauge (product number 130146), SATA adam 2 digital air micrometer with gauge (product number 160853), or SATA adam 2 U air micrometer with digital gauge (product number 195222).

5. SATA Farbspritz-technik GmbH & Co. KG shall provide written notification to buyers/users of the SATAjet 5000 B RP spray guns that they must be equipped with a properly operating SATA air micrometer as described in condition number 3 and that they must be operated at less than or equal to 30 psig when they are used for applying coatings subject to 40 CFR Part 63 Subpart HHHHHH.

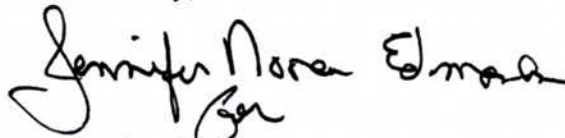
6. SATA GmbH & Co. KG shall add a clearly visible permanent label specifying that the inlet air pressure shall not exceed 30 psig to all SATAjet 5000 B RP non-digital and SATAjet 5000 B RP digital spray guns sold or distributed for use in applying coatings subject to 40 CFR Part 63 Subpart HHHHHH.

7. This approval is only valid if during actual operation the SATAjet 5000 B RP spray guns are labeled as described in condition number 6.

8. This approval is only valid for the SATAjet 5000 B RP spray gun models tested. Any modification of the spray guns or pressure gauge design shall invalidate this approval letter unless the modification is approved by the EPA.

If you have any questions regarding this approval, please contact Kim Teal of my staff at (919) 541-5580 or [teal.kim@epa.gov](mailto:teal.kim@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Jennifer Nora Elman" with a large flourish underneath.

Stephen D. Page

Director

Office of Air Quality Planning  
and Standards