



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
RESEARCH TRIANGLE PARK, NC 27711

OCT 26 2012

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

OFFICE OF
AIR QUALITY PLANNING
AND STANDARDS

Dear Mr. Larimer:

This letter is in response to your request for approval of the SATAjet 100 B F RP, 100 B P and 1000 B RP spray guns, 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 100 B F RP, 100 B P, and 1000 B RP spray gun for use in the South Coast Air Quality Management District (SCAQMD)” dated January 25, 2012.

The results of the transfer efficiency testing performed indicate that the SATAjet 100 B F RP, 100 B P and 1000 B RP spray guns are capable of achieving equivalent or better transfer efficiency than HVLP spray equipment. As a result, the SATAjet 100 B F RP, 100 B P and 1000 B RP spray guns are approved for the application of coatings 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 Farbspritztechnik GmbH & Co. KG shall supply written notification with each SATAjet 100 B F RP, 100 B P and 1000 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 primer, polyester spray filler and single-stage coatings, respectively, subject to 40 CFR part 63 subpart HHHHHH.
2. This approval is only valid if the air pressure supplied to the SATAjet 100 B F RP, 100 B P and 1000 B RP spray gun is equal to or less than 32 psig. SATA Farbspritztechnik GmbH & Co. KG shall supply written notification with each SATAjet 100 B F RP, 100 B P and 1000 B RP spray gun sold or distributed that the maximum air pressure supplied to the spray gun shall not exceed 32 psig for the application of primer, polyester spray filler, and single-stage coatings, respectively, subject to 40 CFR part 63 subpart HHHHHH.
3. SATA Farbspritztechnik GmbH & Co. KG shall supply a SATA air micrometer with gauge 0/8455 (product number 27771), SATA adam digital air micrometer with gauge (product number 130146), or SATA adam 2 digital air micrometer with gauge (product number 160853) with each

SATAjet 100 B F RP, 100 B P, and 1000 B RP spray gun sold or distributed. SATA Farbspritztechnik GmbH & Co. KG shall supply written notification with each SATAjet 100 B F RP, 100 B P and 1000 B RP 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) or SATA adam 2 digital air micrometer with gauge (product number 160853) shall be attached to the SATAjet 100 B F RP, 100 B P and 1000 B RP spray gun and be in good working condition and reading no greater than 32 psig whenever the spray gun is in operation. For the application of primer, polyester spray filler and single-stage coatings, respectively, subject to 40 CFR part 63 subpart HHHHHH.

4. SATA Farbspritztechnik GmbH & Co. KG shall provide written notification to buyers/users of the SATAjet 100 B F RP, 100 B P and 1000 B RP spray gun 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 32 psig when they are used for applying primer, polyester spray filler and single-stage coatings, respectively, subject to 40 CFR part 63 subpart HHHHHH.

The written notification requirements outlined in this letter may be fulfilled by including a copy of this approval letter with the documentation provided to the purchaser of the spray gun. If you have any questions regarding this approval, please contact Kim Teal, of my staff, at (919) 541-5580 or teal.kim@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Jennifer Nason Edmonds". The signature is written in a cursive style and is positioned above the typed name of the signatory.

Stephen D. Page

Director

Office of Air Quality Planning
and Standards