



# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • www.aqmd.gov

February 14, 2014

Dr. Ewald Schmon  
R & D Manager  
SATA GmbH & Co. KG  
DomertalstraBe 20  
70806 Kornwestheim, Germany

Dear Dr. Schmon:

**Subject:** Rule 1151 Transfer Efficiency Approval of the SATAjet 4000 B RP Spray Gun with the addition of a new air micrometer under Product No. 195222 (Application No. 558640)

Reference is made to the above application which you submitted requesting the inclusion of the SATA adam 2 U air micrometer with digital gage (product number 195222) as an approved gage for use with the SATAjet 4000 B RP as covered by our June 2, 2011 letter. The request in the letter dated July 15, 2013 indicates that SATA adam 2 U air micrometer with digital gauge (product number 195222) is a combination of the air micrometer of the SATA air micrometer with gauge 0/8455 (product number 27771) and the digital gauge of the SATA adam 2 digital air micrometer with gauge (product number 160853) which are already both approved for use with the SATAjet 4000 B RP, and that the function as well as the technical parameters of the SATA adam 2 U air micrometer with digital gauge are the same as those of the two approved air pressure measuring devices.

As reported in your document entitled "Evaluation of the SATAjet 4000 B RP non-digital and Digital spray gun for use in the South Coast Air Quality Management District (SCAQMD)" dated March 11, 2011, the results of the transfer efficiency testing performed indicate that the SATAjet 4000 B RP spray gun is capable of achieving equivalent or better transfer efficiency than high-volume, low-pressure spray equipment. As a result, the SATAjet 4000 B RP and SATAjet 4000 B RP Digital spray guns are approved for operations subject to Rule 1151, Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations, under Rule 1151(d)(7)(A)(iii). This approval is an alternative to the approval letter dated June 2, 2011 and is subject to the following conditions.

1. SATA GmbH & Co. KG shall supply written notification with each SATAjet 4000 B RP or SATAjet 4000 B RP Digital spray gun sold or distributed for use within the jurisdiction of the South Coast Air Quality Management District that the spray gun is only approved for the application of coatings subject to Rule 1151.
2. This approval is only valid if the air pressure supplied to the SATAjet 4000 B RP and the SATAjet 4000 B RP Digital spray guns is equal to or less than 32 psig. SATA GmbH & Co. KG shall supply written notification with each SATAjet 4000 B RP or SATAjet 4000 B RP Digital spray gun sold or distributed for use within the jurisdiction

- of the South Coast Air Quality Management District that the maximum air pressure supplied to the spray gun shall not exceed 32 psig.
3. SATA 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), SATA adam 2 digital air micrometer with gage (product number 160853), or SATA adam 2 U air micrometer with digital gauge (product number 195222) with each SATAjet 4000 B RP spray gun sold or distributed for use within the jurisdiction of the South Coast Air Quality Management District. SATA GmbH & Co. KG shall supply written notification with each SATAjet 4000 B RP spray gun sold or distributed for use within the jurisdiction of the South Coast Air Quality Management District 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 gage (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 whenever the spray gun is in operation.
  4. This approval is only valid if during actual operation the SATAjet 4000 B RP spray gun is equipped with a properly operating 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 gage (product number 160853), or SATA adam 2 U air micrometer with digital gauge (product number 195222).
  5. SATA GmbH & Co. KG shall add a clearly visible permanent label specifying that the inlet air pressure shall not exceed 32 psig to all SATAjet 4000 B RP and SATAjet 4000 B RP Digital spray guns sold or distributed for use within the South Coast Air Quality Management District.
  6. This approval is only valid if during actual operation the SATAjet 4000 B RP and SATAjet 4000 B RP Digital spray guns are labeled as described in condition number 5.
  7. This approval is only valid for the SATAjet 4000 B RP and SATAjet 4000 B RP Digital spray gun model tested. Any modification of the spray guns or pressure gauge design shall invalidate this approval letter unless the modification is approved by the South Coast Air Quality Management District.

If you have any questions regarding this approval, please call me at (909) 396-2618 or send me an e-mail at [adejbakhsh@aqmd.gov](mailto:adejbakhsh@aqmd.gov).

Sincerely,



Amir Dejbakhsh  
Senior Engineering Manager  
Coating, Printing, Plating,  
Military & Entertainment

AD:EVQ

cc: Joern Stoever