



# South Coast Air Quality Management District

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November 25, 2003

Mr. Ewald Schmon  
R & D Manager  
SATA Farbspritztechnik GmbH & Co. KG  
Domertalstraße 20

70806 Kornwestheim, Germany

Dear Mr. Schmon:

Subject: Rule 1151 Transfer Efficiency Approval of the SATAjet RP Spray Gun

The South Coast Air Quality Management District has completed our review of your report entitled "Evaluation of the SATAjet RP non-digital and Digital 2 spray gun for use in the South Coast Air Quality Management District (SCAQMD)" dated August 8, 2003 including the supplemental information dated October 15, 2003 and November 4, 2003. The results of the transfer efficiency testing performed indicate that the SATAjet RP spray gun is capable of achieving equivalent or better transfer efficiency than high-volume, low-pressure spray equipment. As a result, the SATAjet RP and SATAjet RP Digital 2 spray guns are approved for operations subject to Rule 1151, Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations, under Rule 1151(c)(4)(A)(iii). This approval is subject to the following conditions.

1. SATA Farbspritztechnik GmbH & Co. KG shall supply written notification with each SATAjet RP or SATAjet RP Digital 2 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 RP and the SATAjet RP Digital 2 spray guns is equal to or less than 35 psig. SATA Farbspritztechnik GmbH & Co. KG shall supply written notification with each SATAjet RP or SATAjet RP Digital 2 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 35 psig.

*Cleaning the Air We Breathe...*

3. SATA Farbspritztechnik GmbH & Co. KG shall supply a Sata air micrometer with gauge 0/8455 (product number 27771) modified to clearly identify the maximum allowable spray gun inlet air pressure with each SATAjet RP spray gun sold or distributed for use within the jurisdiction of the South Coast Air Quality Management District. The required modification shall provide a visual confirmation that the maximum allowed air pressure is 35 psig such as color coding the gauge to make the area of the gauge at and below 35 psig green and the area of the gauge above 35 psig red or other design approved by the South Coast Air Quality Management District. SATA Farbspritztechnik GmbH & Co. KG shall supply written notification with each SATAjet 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) modified as described above 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 RP spray gun is equipped with a properly operating Sata air micrometer with gauge as described in condition number 3.
5. SATA Farbspritztechnik GmbH & Co. KG shall add a clearly visible permanent label specifying that the inlet air pressure shall not exceed 35 psig to all SATAjet RP Digital 2 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 RP Digital 2 spray gun is labeled as described in condition number 5.
7. This approval is only valid for the SATAjet RP and SATAjet RP Digital 2 spray gun model tested.

If you have any questions regarding this approval, please call me at (909) 396-2576 or send me an e-mail at [flettice@aqmd.gov](mailto:flettice@aqmd.gov).

Sincerely,



Fred Lettice  
Senior Manager  
Coating, Printing & Aerospace Operations