

Title V Permit Evaluation

Site Number: A2124
Site Name: Read-Rite Corporation

Application Number: 18782
Reviewing Engineer: JJE

Periodic Monitoring:

VOC Sources

S# & Description	Federally Enforceable Emission Limit Citation	Federally Enforceable Emission Limit	Potential to Emit: tpy	Monitoring
S9 waste solvent tank	BAAQMD Condition 13311, Part 3	annual facility-wide POC emissions (50 ton/yr)	N/A	Condition 13311, Part 4, 5: monthly mass balance or emission calculations
S20 fabrication area	BAAQMD 8-30-305.3 [not FE]	monthly emissions from solvent spray processors (250 lb/month) [not FE]	N/A	8-30-504: monthly records
	BAAQMD 8-30-307 [not FE]	wipe cleaning solution VOC content (no more than 10%) [not FE]	N/A	not recommended
	BAAQMD Condition 13311, Part 2a	annual photoresist usage (2,937 gal/yr)	N/A	Condition 13311, Part 5: monthly records
	BAAQMD Condition 13311, Part 2b	photoresist developer VOC content (less than 10% by weight)	N/A	Condition 13311, Part 5: monthly records
	BAAQMD Condition 13311, Part 2c	solvent station solvent (counted under 50 ton/yr POC emission limit)	N/A	Condition 13311, Part 5: monthly records
	BAAQMD Condition 13311, Part 2d	annual wipe cleaning usage (864 gal/yr)	N/A	Condition 13311, Part 5: monthly records
	BAAQMD Condition 13311, Part 3	annual facility-wide POC emissions (50 ton/yr)	N/A	Condition 13311, Part 4, 5: monthly mass balance or emission calculations
S30 wipe cleaning	BAAQMD Condition 13311, Part 3	annual facility-wide POC emissions (50 ton/yr)	N/A	Condition 13311, Part 4, 5: monthly mass balance or emission calculations
	BAAQMD Condition 13313, Part 2	annual net solvent usage (195 gal/yr)	N/A	Condition 13313, Part 3: monthly records

S# & Description	Federally Enforceable Emission Limit Citation	Federally Enforceable Emission Limit	Potential to Emit: tpy	Monitoring
S39 solvent station	BAAQMD Condition 13311, Part 3	annual facility-wide POC emissions (50 ton/yr)	N/A	Condition 13311, Part 4, 5: monthly mass balance or emission calculations
	BAAQMD Condition 15314, Part 2	monthly net solvent usage (345 gal/yr)	N/A	Condition 15314, Part 3: monthly records
S50 spray solvent station	BAAQMD Condition 13311, Part 3	annual facility-wide POC emissions (50 ton/yr)	N/A	Condition 13311, Part 4, 5: monthly mass balance or emission calculations
	BAAQMD Condition 16859, Part 2	monthly net solvent usage (312 gal/yr)	N/A	Condition 16859, Part 3: monthly records
S52 solvent station	BAAQMD Condition 13311, Part 3	annual facility-wide POC emissions (50 ton/yr)	N/A	Condition 13311, Part 4, 5: monthly mass balance or emission calculations
	BAAQMD Condition 16860, Part 2	annual net solvent usage (1,980 gal/yr)*	N/A	Condition 16860, Part 4: monthly records
S53 wipe cleaning	BAAQMD Condition 13311, Part 5	annual facility-wide POC emissions (50 ton/yr)	N/A	Condition 13311, Part 6, 7: monthly mass balance or emission calculations
	BAAQMD Condition 16861, Part 2	annual net solvent usage (100 gal/yr)*	N/A	Condition 16861, Part 4: monthly records
S54 coater	BAAQMD 8-4-302.1 [not FE]	VOC emissions (5 ton/yr) [not FE]	NA	BAAQMD 8-4-501.2: annual records
	SIP 8-4-302.1	POC emissions (5 ton/yr)	NA	SIP 8-4-501.2: annual records
	BAAQMD Condition 13311, Part 3	annual facility-wide POC emissions (50 ton/yr)	N/A	Condition 13311, Part 4, 5: monthly mass balance or emission calculations
	BAAQMD Condition 16862, Part 2	annual net coating and solvent usage (149 gal/yr)	N/A	Condition 16862, Part 3: monthly records
S55 vapor debonder	BAAQMD Condition 13311, Part 3	annual facility-wide POC emissions (50 ton/yr)	N/A	Condition 13311, Part 4, 5: monthly mass balance or emission calculations

S# & Description	Federally Enforceable Emission Limit Citation	Federally Enforceable Emission Limit	Potential to Emit: tpy	Monitoring
	BAAQMD Condition 16863, Part 2	annual net coating and solvent usage (144 gal/yr)*	N/A	Condition 16863, Part 4: monthly records

* although permit condition includes a specific usage allowance for a non-VOC material, this amount is not included in this table

S# & Description	Federally Enforceable Emission Limit Citation	Federally Enforceable Emission Limit	Potential to Emit: tpy	Monitoring
S56 coater	BAAQMD 8-4-302.1 [not FE]	VOC emissions (5 ton/yr) [not FE]	NA	BAAQMD 8-4-501.2: annual records
	SIP 8-4-302.1	POC emissions (5 ton/yr)	NA	SIP 8-4-501.2: annual records
	BAAQMD Condition 13311, Part 3	annual facility-wide POC emissions (50 ton/yr)	N/A	Condition 13311, Part 4, 5: monthly mass balance or emission calculations
	BAAQMD Condition 16864, Part 2	annual net coating usage (0 gal/yr VOC)*	N/A	Condition 16864, Part 3: monthly records
S57 coater	BAAQMD 8-4-302.1 [not FE]	VOC emissions (5 ton/yr) [not FE]	NA	BAAQMD 8-4-501.2: annual records
	SIP 8-4-302.1	POC emissions (5 ton/yr)	NA	SIP 8-4-501.2: annual records
	BAAQMD Condition 13311, Part 3	annual facility-wide POC emissions (50 ton/yr)	N/A	Condition 13311, Part 4, 5: monthly mass balance or emission calculations
	BAAQMD Condition 16865, Part 2	annual net coating and solvent usage (85 gal/yr)	N/A	Condition 16865, Part 3: monthly records

* although permit condition includes a specific usage allowance for a non-VOC material, this amount is not included in this table

Discussion of Emission Limits with No Monitoring

S20: Wafer Fabrication Area

VOC: The requirement to limit VOC content of wipe cleaning solvent to no more than 10% by weight has no associated monitoring requirement. This requirement is analogous to the VOC

content limits which appear in numerous District coating regulations and which also do not require periodic sampling or other monitoring to verify compliance. Compliance will be verified through the District inspection program.

Permit Shield:

No permit shield was requested.

Alternate Operating Scenario:

No operating scenarios were proposed.