

**Cold End Coater Emissions**  
**Arglass Yamamura, LLC.**  
**Valdosta Georgia**

**Four (4) Cold End Coaters**

Low Emission Dispersion Wax: Glasskote SC 100 E; 23,5% organic approx 30% loss; 1:100 mixed

Material	Density (Lb/Gal)	Weight % Organics	Gal of Mat. (gal/hour)	Pounds VOC per gallon of Material	Potential VOC pounds per hour	Potential VOC tons per year
L1	7.51	7.050%	2	0.529	1.059	4.64
L2	7.51	7.050%	2	0.529	1.059	4.64
L3	7.51	7.050%	2	0.529	1.059	4.64
L4	7.51	7.050%	2	0.529	1.059	4.64
Sum					4.236	18.55

Calculation Methodology

Pounds of VOC per Gallon Coating = (Density (lb/gal) \* Weight % Organics)

Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lb/gal) \* Gal of Material (gal/hour)

Potential VOC tons per year = Potential VOC Pounds per Hour \* 8760 hrs/yr \* 1 ton/2000 lbs