

**Hot End Coater Emissions**  
**Arglass Yamamura, LLC**  
**Valdosta Georgia**

**Four (4) Hot End Coaters**

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 = 1.5lb/h	7.51	0.671%	0.200	0.050	0.010	0.04
L2 = 1.5lb/h	7.51	0.671%	0.200	0.050	0.010	0.04
L3 = 1.5 lb/h	7.51	0.671%	0.200	0.050	0.010	0.04
L4 = 1.5 lb/h	7.51	0.671%	0.200	0.050	0.010	0.04
Sum					0.040	0.18

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