

Batch House Potential TSP Emissions
Arglass Yamamura, LLC.
Valdosta, Georgia

Unit ID	Control Device ID	Control Efficiency (%)	Grain Loading per Actual Cubic foot of Outlet Air (grains/cuft)	Maximum Filter Exhaust Flow Rate (acfm)	PM Emission Rate Before Controls (lb/hr)	PM Emission Rate before Controls (tons/yr)
TC04	DC32	99%	0.0044	1177	4.44	19.4
TC05	DC33	99%	0.0044	1177	4.44	19.4
TC06	DC34	99%	0.0044	1177	4.44	19.4
RL04	DC35	99%	0.0044	1177	4.44	19.4
RL05	DC36	99%	0.0044	1177	4.44	19.4
RL06	DC37	99%	0.0044	1177	4.44	19.4
SL18	DC38	99%	0.0044	1177	4.44	19.4
SL19	DC39	99%	0.0044	1177	4.44	19.4
SL20	DC40	99%	0.0044	1177	4.44	19.4
SL21	DC41	99%	0.0044	1177	4.44	19.4
SL22	DC42	99%	0.0044	1177	4.44	19.4
SL23	DC43	99%	0.0044	1177	4.44	19.4
SL24	DC44	99%	0.0044	1177	4.44	19.4
SL25	DC45	99%	0.0044	1177	4.44	19.4
SL26	DC46	99%	0.0044	1177	4.44	19.4
SL27	DC47	99%	0.0044	1177	4.44	19.4
SL28	DC48	99%	0.0044	1177	4.44	19.4
SL29	DC49	99%	0.0044	1177	4.44	19.4
SL30	DC50	99%	0.0044	1177	4.44	19.4
SL31	DC51	99%	0.0044	1177	4.44	19.4
SL32	DC52	99%	0.0044	1177	4.44	19.4
WG05	DC53	99%	0.0044	1177	4.44	19.4
WG06	DC54	99%	0.0044	1177	4.44	19.4
WG07	DC55	99%	0.0044	1177	4.44	19.4
WG08	DC56	99%	0.0044	1177	4.44	19.4
MX03	DC57	99%	0.0044	1177	4.44	19.4
MX04	DC58	99%	0.0044	1177	4.44	19.4
TR02	DC59	99%	0.0044	1177	4.44	19.4
CR02	DC60	99%	0.0044	1177	4.44	19.4
SL33	DC61	99%	0.0044	1177	4.44	19.4
SL34	DC62	99%	0.0044	1177	4.44	19.4
					Total Emissions	602.7

Methodology

Emission Rate in lbs/hr (after controls) = (grains/cub. ft.) (cub. ft./min.) (60 min/hr) (lb/7000 grains)

Emission Rate in tons/yr = (lbs/hr) (8760 hr/yr) (ton/2000 lb)

Emission Rate in lbs/hr (before controls) = Emission Rate (after controls): (lbs/hr)/(1-control efficiency)

Emission Rate in tons/yr = (lbs/hr) (8760 hr/yr) (ton/2000 lb)