

8-Hour Metals Recovery Test

Covanta DYEC

Date	Sample #	Time	Ash Moisture Visual Observation	Rejects Sample Weight (Y)	Unrecovered Ferrous (X)	Pure Ferrous (X'a)	Clinker Ferrous (X''a)	Selective Reduction Ferrous (X'b)	Clinker Reject (X''b)	Non Ferrous Test Weight	Comments
oct 9	1	8:15	moist	230 lbs.	9 lbs.	4 lbs.	5	1.4	3.6	46	
	2	8:45	moist	362 lbs.	17 lbs.	2 lbs.	15 lbs.	2.9	12.1	45	
	3	9:15	moist	288 lbs.	13 lbs.	5 lbs.	8 lbs.	3.4	4.6	42	
	4	9:45	moist	145 lbs.	6 lbs.	2 lbs.	4	0.9	3.1	48	
	5	10:15	wet	226 lbs.	9 lbs.	4 lbs.	5	0.9	4.1	55	
	6	10:45	moist.	185 lbs.	6 lbs.	1 lbs.	5	0.9	4.1	46	
	7	11:15	moist	210 lbs.	10 lbs.	3 lbs.	7 lbs.	2.1	4.9	50	
	8	11:45	moist	162 lbs.	15 lbs.	9 lbs.	6	1.0 lbs.	5	49	8lb Hammer in FE
	9	12:15	moist	280 lbs.	13 lbs.	5 lbs.	8	1.1	6.9	50	
	10	12:45	Damp	178 lbs.	6 lbs.	2 lbs.	4	1.3	2.7	48	
	11	1:15	moist.	193 lbs.	8 lbs.	3 lbs.	5	0.9	4.1	52	
	12	1:45	moist	141 lbs.	9 lbs.	4 lbs.	5	1.0	4.0	52	
	13	2:15	moist	238 lbs.	11 lbs.	4 lbs.	7 lbs.	1.5	5.5	57	
	14	2:45	moist	245 lbs.	13 lbs.	5 lbs.	8	1.2	6.8	52	
	15	3:15	moist	191 lbs.	9 lbs.	4 lbs.	5 lbs.	1.1	3.9	46	
	16	3:45	moist.	235 lbs.	12 lbs.	2 lbs.	10	2.0	8.0	50	

Total Non Ferrous Test Weight: 708

Total Un-Recovered Non Ferrous Metal Weight: 16.48
2.13 TARE
4.35

Ferrous & Non-Ferrous Test

Test Date: 10/9/15

All weights in kg.

Time	Ferrous	Non-Ferrous	Bottom Ash	Loader tare	Truck Tare
11:28				24200	
11:39			26860		
11:55			26980		
13:58			27680		
14:09			26520		
16:06					25610
16:12		25210			
16:34	28650				
16:42			28120		
16:52			27020		
17:04			25740		

Ferrous

Ferrous
Tare

+3/8" Bottom Ash: 16,020 kg (including 1,212 returned sample)

Ferrous (Recovered): 3,040 kg

Non-Ferrous (Recovered): 510 kg