

Equipment List

Plant operations will comprise the following seven (7) general process areas and will be constructed in two (2) phases: Fiber Handling/Storage, Drying, Dry Wood Silos, Hammermills, Pellet Mills/Coolers, Pellet Handling/Storage, Miscellaneous Dust Collection. The emission unit list below generally follows the order of the process flow.

Phase 1 (First Phase)					
Emission Units		Applicable Requirements/Standards	Air Pollution Control Devices		Stack ID
ID No.	Description		ID No.	Description	
SHRED	Shredder	391-3-1-.02(2)(n)	N/A	N/A	N/A
BUR1&2	Dryer 1&2 Burner	391-3-1-.02(2)(b)1. 391-3-1-.02(2)(e)1.(i) 391-3-1-.02(2)(g)2.	WESP1-4	Wet ESP 1-4	S1
	Fuel Type: Wood Capacity: 30 MMBtu/hr Each		BIO	Biofilter	
BUR3&4	Dryer 3&4 Burner	391-3-1-.02(2)(b)1. 391-3-1-.02(2)(e)1.(i) 391-3-1-.02(2)(g)2.	WESP1-4	Wet ESP 1-4	S1
	Fuel Type: Wood Capacity: 45 MMBtu/hr Each		BIO	Biofilter	
DRY1-4	Dryers 1-4	391-3-1-.02(2)(b)1. 391-3-1-.02(2)(e)1.(i)	WESP1-4	Wet ESP 1-4	S1
DWS1&2	Dry Wood Silos 1&2	391-3-1-.02(2)(b)1. 391-3-1-.02(2)(e)1.(i)	BGH1	Baghouse 1	S1
			BIO	Biofilter	
DHM1&2	Dry Hammermills 1&2	391-3-1-.02(2)(b)1. 391-3-1-.02(2)(e)1.(i)	BGH1	Baghouse 1	S1
			BIO	Biofilter	
PM1-8	Pellet Mills 1-8	391-3-1-.02(2)(b)1. 391-3-1-.02(2)(e)1.(i)	BGH2	Baghouse 2	S1
			BIO	Biofilter	
PM9-16	Pellet Mills 9-16	391-3-1-.02(2)(b)1. 391-3-1-.02(2)(e)1.(i)	BGH3	Baghouse 3	S1
			BIO	Biofilter	
COOL1	Pellet Cooler 1	391-3-1-.02(2)(b)1. 391-3-1-.02(2)(e)1.(i)	BGH2	Baghouse 2	S1
			BIO	Biofilter	
COOL2	Pellet Cooler 2	391-3-1-.02(2)(b)1. 391-3-1-.02(2)(e)1.(i)	BGH3	Baghouse 3	S1
			BIO	Biofilter	
SILO1-8	Finished Pellet Silos 1-8	391-3-1-.02(2)(n)	N/A	N/A	N/A
SST1	Sizing/Screening/Transport 1	391-3-1-.02(2)(b)1. 391-3-1-.02(2)(e)1.(i)	BGH4	Baghouse 4	S3
SST2	Sizing/Screening/Transport 2	391-3-1-.02(2)(b)1. 391-3-1-.02(2)(e)1.(i)	BGH5	Baghouse 5	S4
N/A	Fuel Dust Silo	391-3-1-.02(2)(b)1. 391-3-1-.02(2)(e)1.(i)	CYC	Cyclone	S5