Stack	Emission Unit	PTE (tpy)	Annual Throughput (tpy)	Application E.F.
S1	BUR1-BUR4 DRY1 – DRY 4	51.1	600,000	0.367 lb/ton wood
	DWS1 & DWS2	14.4		
	DHM1 & DHM2	6.38		
	PM1 – PM16 COOL1 & COOL2	38.3		
S3	SST1	[redacted]	[redacted]	2.91 lbs/hr
S4	SST2	[redacted]	[redacted]	2.91 lbs/hr
S5	Fuel Dust Silo	[redacted]	[redacted]	1.09 lbs/hr

- Condition 7.12 includes the HAP emission tracking equation. All the processes that duct to Stack S1 (burenrs/dryers, dry wood silos, dry hammermills, pellet mills, and pellet coolers) are the only point source of HAP emissions. Please note that fugitive sources of HAP emissions need to be included; therefore, HAP emissions from Finished Pellet Silos SILO1 – SILO8 should be included. Below shows how the HAP emission factors are calculated using the application data.

Acetaldehyde Emission Factor				
Stack	Emission Unit	PTE (tpy)	Annual Throughput (tpy)	Application E.F. (lb/ton wood)
S1	BUR1-BUR4 DRY1 – DRY 4	2.64	600,000	0.00925
	DWS1 & DWS2	0.0142		
	DHM1 & DHM2	0.096		
	PM1 – PM16 COOL1 & COOL2	0.024		
N/A	SILO1 – SILO8	0.0146	600,000	0.0000485

Acrolein Emission Factor				
Stack	Emission Unit	PTE (tpy)	Annual Throughput (tpy)	Application E.F. (lb/ton wood)
S1	BUR1-BUR4 DRY1 – DRY 4	0.154	600,000	0.00149
	DWS1 & DWS2	0.0637		
	DHM1 & DHM2	0.0432		
	PM1 – PM16 COOL1 & COOL2	0.186		
N/A	SILO1 – SILO8	0	600,000	0