

Propionaldehyde Emission Factor				
Stack	Emission Unit	PTE (tpy)	Annual Throughput (tpy)	Application E.F. (lb/ton wood)
S1	BUR1-BUR4 DRY1 – DRY 4	0.0494	600,000	0.000455
	DWS1 & DWS2	0.0637		
	DHM1 & DHM2	0.00864		
	PM1 – PM16 COOL1 & COOL2	0.0149		
N/A	SILO1 – SILO8	0	600,000	0

Other HAP Emission Factor (from Wood Combustion)				
Stack	Emission Unit	PTE (tpy)	Annual Throughput (tpy)	Application E.F. (lb/ton wood)
S1	BUR1-BUR4 DRY1 – DRY 4	4.56	600,000	0.0152
	DWS1 & DWS2	0		
	DHM1 & DHM2	0		
	PM1 – PM16 COOL1 & COOL2	0		
N/A	SILO1 – SILO8	0	600,000	0

Combined HAP Emission Factor (Sum of All of the Above HAP E.F.)				
Stack	Emission Unit	PTE (tpy)	Annual Throughput (tpy)	Application E.F. (lb/ton wood)
S1	BUR1-BUR4 DRY1 – DRY 4			0.0529
	DWS1 & DWS2			
	DHM1 & DHM2			
	PM1 – PM16 COOL1 & COOL2			
N/A	SILO1 – SILO8			0.000340

- Condition 7.13 includes the arsenic emission tracking equation. According to U.S. EPA AP-42 Chapter 1.6, the Division suspects that combustion of wood in the burners would generate arsenic emissions. The facility's zero arsenic emission factor claim is yet to be demonstrated in the initial performance test. Thus, the Division included the arsenic tracking equation with the pre-test emission factor of 0 lb/ton.
- Similarly, Condition 7.14 includes the hexavalent chromium emission tracking equation with a pre-test emission factor of 0 lb/ton.
- Finally, Condition 7.15 requires that the facility calculate the 12 month rolling totals using the monthly emissions obtained in accordance with Conditions 7.8 through 7.14.