

Fuel Testing Guidelines - Chillicothe Biomass				
				Acceptable quality level
	Test	Unit	Analytical Method	AQL
1	Particle Size	% Total Weight	Sieve Analysis	NGT 2 1/2" * 2" * 1/2"
2	Moisture Content	wet basis	ASTM E871	30% to 55%
3	Ash Content	% Total Weight	ASTM D1102	< 5%
4	Ash Composition (specific items tested below)	Kg/GJ or lbs/MMBtu	ASTM D2795	< 0.18 Kg/GJ or < 0.4 lbs/MMBtu
	a. Potassium	% Total Weight	ASTM D2795	< 0.18 Kg/GJ or < 0.4 lbs/MMBtu
	b. Sodium	% Total Weight	ASTM D2795	< 0.18 Kg/GJ or < 0.4 lbs/MMBtu
	c. Magnesium	% Total Weight	ASTM D2795	< 0.18 Kg/GJ or < 0.4 lbs/MMBtu
	d. Calcium	% Total Weight	ASTM D2795	< 0.18 Kg/GJ or < 0.4 lbs/MMBtu
5	Chloride and Sulphur content (zero desired)	% Total Weight	ASTM D2795	< 0.01%