

Procedure		KC/LOGY/PRO/0008	
Updated by:	J Greenhalgh	Date	07/12/2018
Approved by:	Dr W.Mann	Page	1 of 2
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## BOILER FUEL CREATION PROCEDURE

The following procedure is to be followed when producing fuel for K7 and K8 boilers. This will ensure that the fuels are segregated on the Logyard and that K7 only uses exempt biomass fuels as detailed in Table 1.

### 1. Boiler fuel source material:

- Reject material from manufacturing (off cuts, packaging etc)
- Recycled fibre fines (<6mm)\*
- MDF fibre (Refiner dump material)
- Bark
- Wood fines residues (from hydro sieves)
- Filter cake from the Esmil water treatment plant (compressed wood particle)
- Fines slurry from the MDF refiner dewatering screw
- Road way sweepings
- Chipped up MDF board from the zeno\*
- Chipped up chipboard from the zeno\*
- Paper trimmings from the Melamine facing department
- Any MDF fibre rejected from process due to quality failure or fire risk
- Any wood based dry vacuumed material from the production processes

### 2. Creation:

Source material is created by the various processes involved in the manufacturing of MDF and particle board.

Any source material >100mm is processed by a shredder to bring the particle size below 50mm. Any shred material is then mixed with that material which is >100mm.

### 3. Mixing:

Source materials marked with \* are fed directly to the K8 boiler fuel silo from production and do not enter the Logyard. When required additional quantities of fuel can be added to K8 by bucket loader.

All remaining source materials (<100mm) are mixed by a bucket loader in the boiler fuel compound.

### 4. Restrictions:

K7 must not process non-exempt biomass fuels, Recycled Fibre (RCF) is non-exempt and must not be burnt on K7. Should there be any RCF source material on the Logyard, it is to be processed separately and is to be returned back to process. It is not to be loaded onto K7.

The below table is to be adhered to at all times:

**Table 1**

Biomass Type	K7	K8
Logs (referred to as Roundwood)	x	
Wood Chip	x	
Off-Specification Compost		
<b>Recycled Cellulose Fibre (RCF) Grade A “Clean” recycled wood</b>		
Sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04		x
Waste bark and wood	x	x
Wood other than that mentioned in 19 12 06		x
<b>Recycled Cellulose Fibre (RCF) Grade B “Industrial” recycled wood</b>		
Waste bark and wood		x
Wood other than that mentioned in 19 12 06		x
Wood other than that mentioned in 20 01 37		x
<b>On-Site Process Wastes</b>		
Fines from grading of RCF		x
Dusts from dust extraction systems		x
Off-cuts from the Saw Mill	x	x
Bark from the Saw Mill	x	x
Sawdust from the Sawmill	x	x
Reject material from manufacturing	x <sup>1</sup>	x
Solid residues from skimming of surface water run-off from internal roadways		x

<sup>1</sup> non-particleboard only