

Higher National Certificate
In
**TECHNOLOGY and MANAGEMENT
of PAPER and BOARDMAKING.**

Chemical Additives Assignment

Your company has taken over a small traditional paper mill whose ideas are somewhat antiquated. You have been seconded to the mill to introduce TWO significant changes and explain them in detail to the existing employees

1. The mill is to change to alkaline papermaking and you are asked to explain in reasonable detail what this would mean and discuss the advantages.
2. Retention aids are to be introduced and the mechanical properties of the polymer solution are dependent on the molecular weight of the polymer. You are asked to explain this statement to the technical department.

Length 2000 +/- 100 words