Statement – ECF - Pulp

The Navigator Company hereby declares that the pulps used in the production of all its papers are bleached without usage of Elemental Chlorine (Cl_2).

The pulps produced in The Navigator Company and integrated in the paper production are called ECF pulps (Elemental Chlorine Free).

The bleaching process consists in the oxidation and removal of residual lignin in intermittent stages of oxidation and alkaline extraction with sodium hydroxide.

The Navigator Company incorporates also other pulps in the paper production; some of them called TCF pulps (Total Chlorine Free).

The advantages of ECF bleaching include higher pulp brightness and better runnability on the paper machine, both of which are important from the point of view of papermaking and the final paper products. The ECF bleaching process is less energy consuming than the TCF process. Wood consumption per ton of pulp produced is also smaller than with the TCF process. Better runnability can also be explained with the fact that ECF pulp is generally stronger and for this improves recyclability of the produced paper.

The latest scientific literature shows that there's no environmental difference between modern ECF and TCF bleached chemical pulps when biological waste water systems are used, what is the case in all mills of The Navigator Company.



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