

Guideline

A-53

CLAP

FORM N°X055

Version : 1

Directive 2014/68/EU

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Directive References: Article 1 § 2 (j)

Subject: Scope - Dryer rolls for paper industry

Question: Are dryer rolls for the paper industry covered by the PED?

Answer: Yes

Even if thermal, dynamic and other non-pressure loads are important for the design of dryer rolls, for most pressure is a significant design factor when dimensioning the equipment.

Note 1: However some dryer rolls with a specific design such as the incorporation of many small holes may be excluded from the PED on the basis of Article 1 paragraph 2 (j) because pressure is not a significant design factor.

Note 2: Some dryer rolls are regularly ground to meet the process requirements. This loss of thickness can eventually oblige the user to reduce pressure loads according to a curve called "de-rating curve" provided by the manufacturer.

See also Guideline A-11 (CLAP X017).

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