

**Guideline**

**1/47**

**CLAP**

**FORM N°243**

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**Directive 97/23/EC**

**Keywords :**

Exchanger

CE marking

Component

Replacement

**Directive references:**

Article 1 § 2.1.1 - 97/23 EC

Article 9 § 3 - 97/23 EC

Article 15 § 2 - 97/23 EC

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**Subject:** Scope – Heat exchanger

**Question:** Is it correct to have a spare bundle of a shell & tube heat exchanger CE marked separately from the CE-marking of the heat exchanger?

**Answer:** No.

Reason: A shell & tube heat exchanger is one vessel with two chambers (CLAP 110 - Guideline 2/19); it is not permissible to have one chamber of a vessel separately CE-marked. A bundle is a component of a heat exchanger; it is not an item of pressure equipment.

See also CLAP 70 - Guideline 1/3, CLAP 125 - Guideline 1/22, CLAP 187 - Guideline 7/19 and CLAP 235 - Guideline 4/9.

Modifications compared to the previous adopted version: Editorial correction on 2004-09-16.