eurofins | Product Testing

压力设备

欧盟指令97/23/EC

CE

压力设备指令

根据欧盟指令97/23/EC（也被称为PED指令），压力设备需标注 CE 标志，自 **2002 年 5 月 25 日**起在欧盟强制执行。

PED 指令针对最大允许压力大于 0.5 帕斯卡的压力设备及系统，为其指定从设计、制造到测试和认证的相关标准。

PED 指令还规定了压力设备在生产过程中的基本安全要求。

标识和认证

制造商需要根据设备分类来分别申请认证，压力设备主要按照以下方面进行分类：

- ✧ 流体的用途
- ✧ 可允许的最大压力
- ✧ 产品的体积或容积

制造商选择其相应的认证模块后，根据设备类别不同、质量保证系统不同进行一次性或批量生产。**I 类 Category I**，，制造商需对认证过程全权负责。**II 类，III 类和 IV 类**，制造商需向公告机构申请认证。认证步骤祥见下页。

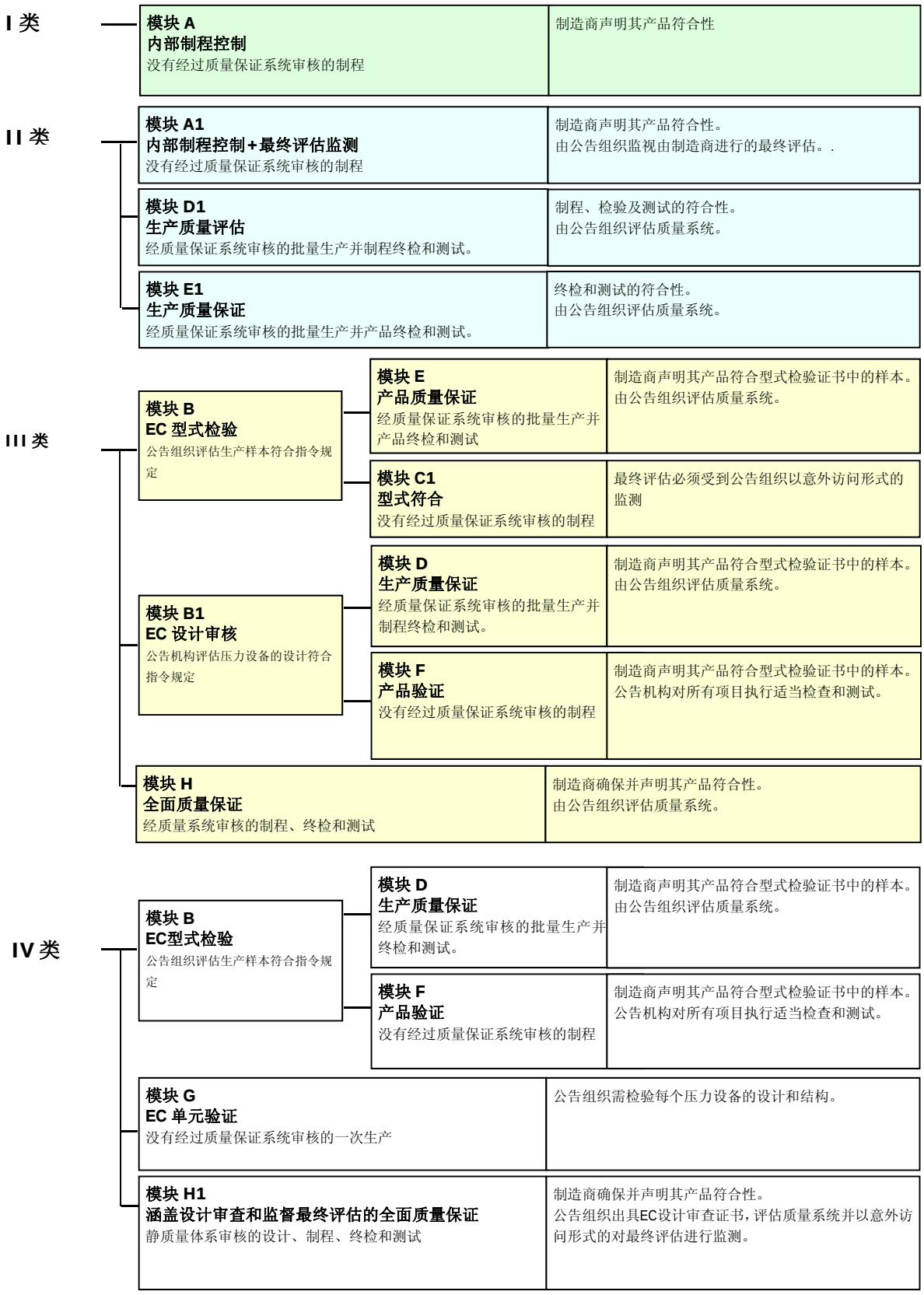
评估过程顺利完成后，制造商在产品上标注 CE 标志，提交符合性声明，产品即可推向市场。

Eurofins 欧陆集团设立在意大利 Modulo 的实验室为压力设备的公告机构，公告号 2049。我们为您提供压力设备的全面符合性评估、认证、培训、验货及咨询等服务。

Eurofins 欧陆集团是国际著名的检测认证机构，在食品、药品、环境和工业、消费品等领域享有盛誉。欧陆集团在全球拥有 170 多个实验室，遍布欧洲、美洲、亚洲、非洲 35 个过国家，拥有超过 13,000 名优秀员工。

顾佩文 经理
电话：+86 133 1195 7978
邮箱：KelvenGu@eurofins.com

欧陆检测技术服务(上海)有限公司
中国上海市闸北区江场西路 395 号 (Zip: 200436)
www.product-testing.eurofins.cn



顾侃文 经理
电话：+86 133 1195 7978
邮箱：KelvenGu@eurofins.com

欧陆检测技术服务(上海)有限公司
中国上海市闸北区江场西路 395 号 (Zip: 200436)
www.product-testing.eurofins.cn

eurofins | Product Testing

Pressure Equipment

The 97/23/EC European Directive

CE

The Directive

The CE Marking affixed on pressure equipment refers to the enforcement of the 97/23/EC European Directive, also known as PED, mandatory **since May the 29th, 2002** for the free circulation of products on the European Market.

The Directive sets criteria for design, manufacturing, testing and certification of pressure equipment and of systems for which the Maximum Allowable Pressure (PS) is greater than 0,5 bar.

The Directive lays down essential safety requirements both for equipment and production process.

Marking and Certification

The manufacturer applies the Certification Module according to the **Category of the equipment**, which depends on:

- the fluid for which it is intended to be used,
- the Maximum Allowable Pressure (PS)
- the volume (V) or Nominal Size (DN) of the item.

Finally, the manufacturer chooses the specific Certification Module, according to the production process (one-off or mass production), to the presence or not of a company Quality Assurance System and to the Category of the equipment.

Category I, the manufacturer is *solely responsible* for the certification process.
Category II, III and IV, the manufacturer shall apply to a *Notified Body*.

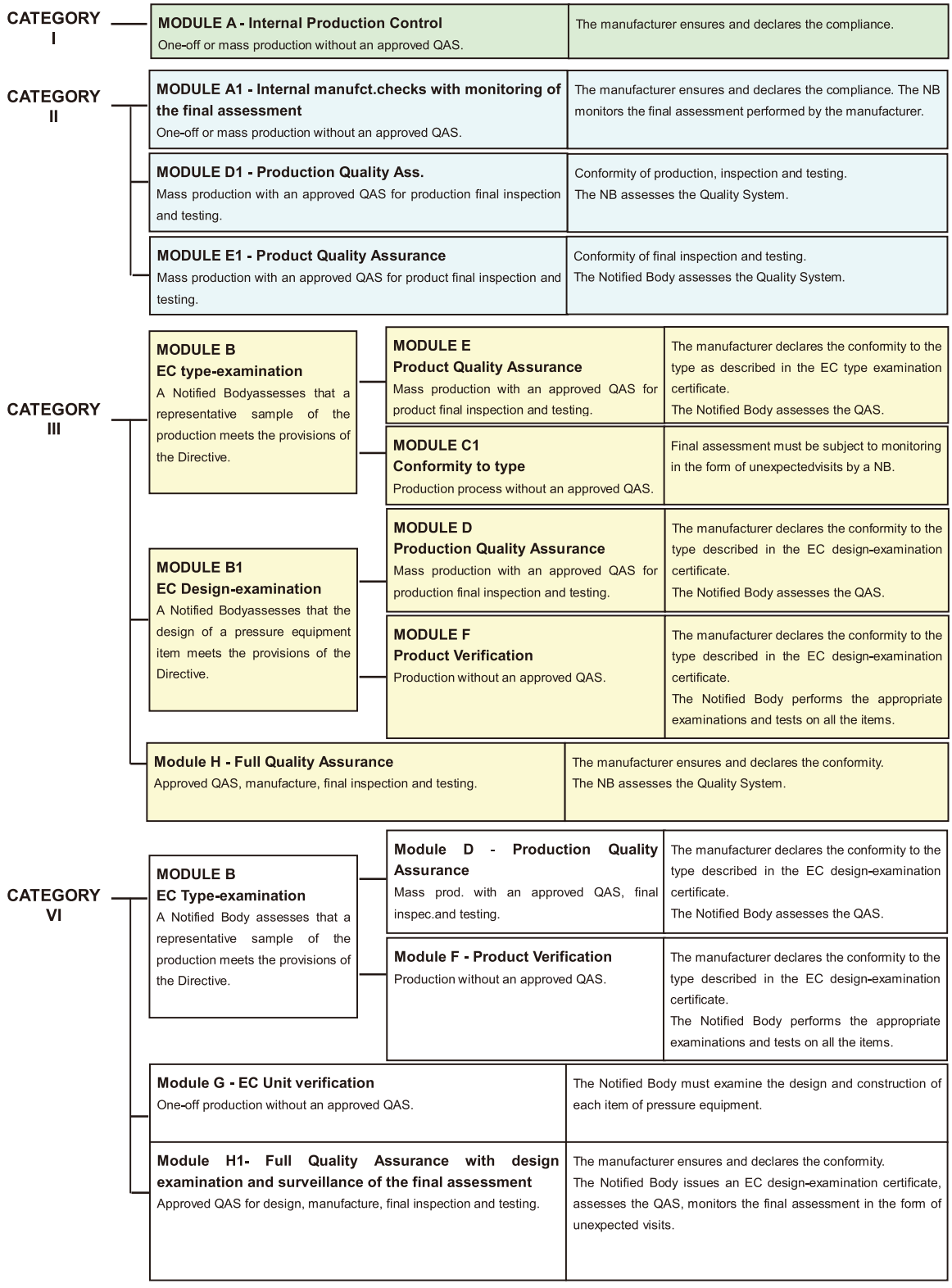
The certification path may consist of several possible ways of assessment, as displayed in the following page.

After the successful completion of the assessment procedures, the manufacturer affixes the CE Mark, signs a Declaration of Conformity and can then put the products into the market.

Eurofins is an Notified Body (Eurofins – Modulo Uno, n. 2049) accredited to provide all necessary Conformity assessment and PED Certificates.

Mr. Kelven Gu
Tel: +86 133 1195 7978
Email:KelvenGu@eurofins.com

Eurofins Product Testing Service (Shanghai) Co., Ltd.
No. 395, West Jiangchang Road, Zhabei District, Shanghai, China
www.product-testing.eurofins.cn



Mr. Kelven Gu
Tel: +86 133 1195 7978
Email:KelvenGu@eurofins.com

Eurofins Product Testing Service (Shanghai) Co., Ltd.
No. 395, West Jiangchang Road, Zhabei District, Shanghai, China
www.product-testing.eurofins.cn