

## Retort Process validation

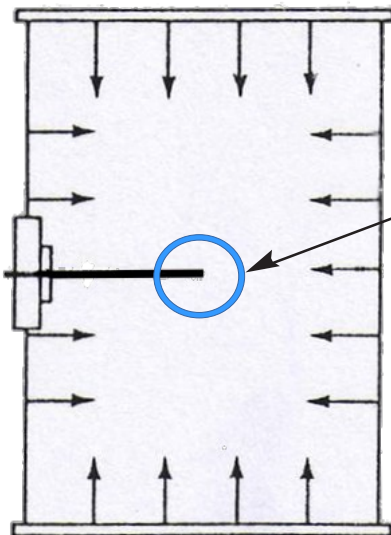
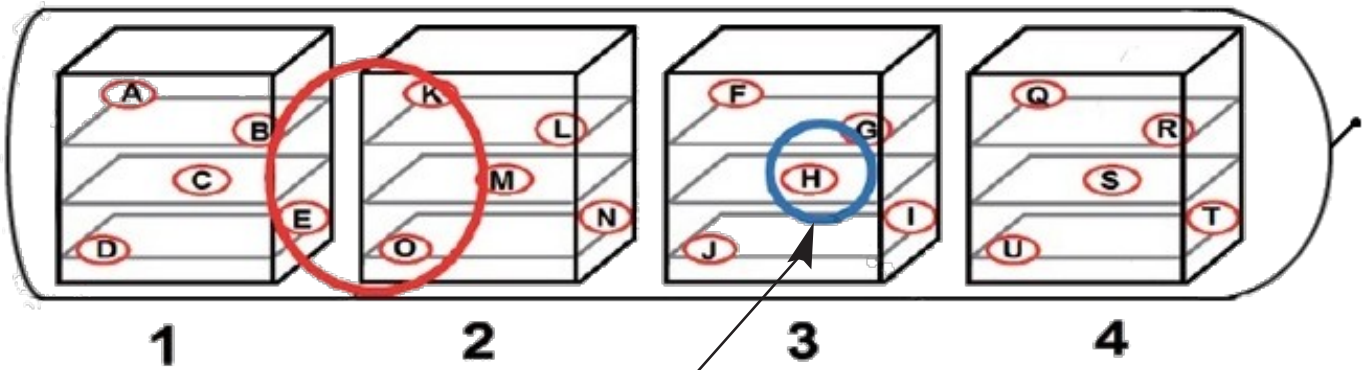
We check the adequacy of the equipment / program / recipe



**Thermal mapping** for static, rotary and continuous retort

**Heat penetration** in core product

**Identification** of the minimum F0 / PU



**Cold spots**

+

**Critical conditions**

(filling, loading, temperature...)

=

**F0 / PU mini**



## Schedule validation



We check the adequacy of the equipment / program / recipe

### Objective

**Guarantee** the industrial exploitation of your products in accordance with the desired destruction values

**Issue a report** that validates the minimum F0 / PU and sets out optimization axes

### Commitments

**Reporting** within 30 days containing the applicant's requirements

**Provide** calibration certificates for all measuring devices used

**Information** on the possibility of increasing F0 / PU mini  
⇒ by adjusting the thermal process (with unchanged cycle duration)  
⇒ by minimizing critical conditions

### Methodology

**Recovery** of thermal mapping elements

**Search** for cold spot in the packaging

**Identification** of critical conditions:  
⇒ weight, temperature, retort load, waiting time, etc...

**Provision** of accommodation if F0 / PU too low with initial thermal process

**Double** temperature measurement and F0 / PU calculation by combining critical conditions to evaluate process repeatability

