

PlateTek

PlateTek, established in 1996 and based in Charleville, County Cork, Ireland, offers a range of heat exchanger and vessel maintenance, repair and certification solutions to customers in the pharmaceutical, chemical, food & beverage and microelectronics industries.

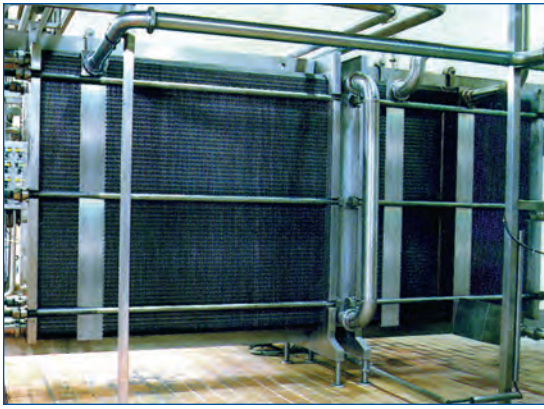
PlateTek's main products and services are:

- Supply of:
 - Plate Heat Exchangers
 - Shell & Tube Heat Exchangers
 - Brazed heat exchangers.
- Heat exchanger testing, holding time testing, on- and off-site maintenance, preventative maintenance and certification.
- Tank, storage vessel and spray dryer testing and certification services via Access Bridge.
- Valve servicing.

PlateTek's focus on these specialist areas helps it to deliver not only the highest standards of service but also to minimise service charges and plant down-time.

Sacome shell and tube heat exchanger with leak detector





Fischer Heat Exchangers

Through its sister company, BCD Engineering, which has had the **Fischer** Sole Agency for Ireland since 1983, PlateTek supplies Fischer Plate Heat Exchangers. Today there are well over 500 Fischer plants in Ireland.

Fischer advantages:

- Combi-flow system
- High-Pressure running
- Unique heat recovery system

Sacome Heat Exchangers

Sacome heat exchangers are widely used in the Pharmaceutical and food industries.

Sacome advantages:

- Hygienic design
- Double Tube
- Low Surface roughness
- Double steam barriers
- Leak detection



Heat Exchanger Servicing

PlateTek has the sole agency in Ireland for APV's **Testex** system that it uses to test plate and tubular systems on-site.

- It provides an excellent method of detecting internal faults that can lead to cross-contamination and it does not require plate strip-down.

In conjunction with the Testex system, PlateTek offers a comprehensive heat exchanger service from site strip-down to re-assembly and start-up. Plates that require cleaning and re-gasketing are removed to PlateTek's state-of-the-art, purpose-built facility in Charleville where they are chemically cleaned, re-gasketed and cured in a specially designed oven.

No Dye Penetrant No Scaffolding

PlateTek offers a new alternative to scaffolding and dye penetrant for testing and certifying tanks, storage vessels and spray dryers. The alternative is the combination of eddy current testing and a mobile access bridge.

Eddy current testing - developed and widely used in the aerospace industry today does away with the need for dye penetrant, thus removing a risk of plant and environmental contamination and saving the time needed to clean the tank, vessel or dryer afterwards.

PlateTek can install the Access Bridge, complete the eddy current testing and remove it in little more than the time it takes to merely erect scaffolding.

