Institut de la Filtration et des Techniques Séparatives

INSTITUTE OF FILTRATION
AND TECHNIQUES OF SEPARATION

European Test Center in Solid-Liquid Separation (SLS)

OUR ASSETS :

- 25 Years of Experience
- International Recognition
- Total Independence
- Quality of Service
- Innovative Solutions
- Great Awareness

❒ **Industrialists and technical managers of local government agencies, IFTS can advise you on Identifying the best solutions to your problems or help you to progress in Solid-Liquid Separation techniques**

❒ The Institute of Filtration offers you its expertise in:

❖ **Characterization** of liquids and solids which you need to separate
❖ **Clarification and decontamination** of liquids
❖ **Concentrating and dehydrating** solids in suspension

By:

- **FLOCCULATION**
- **SETTLING**
- **FILTRATION**
- **CENTRIFUGAL FILTRATION**
- **CYCLONING**
- **CENTRIFUGATION**
- **MEMBRANE SEPARATION**

❒ With our **high-performance** equipment, the **best** in Europe, we help you to:
❖ **Choose** the **best technology**,
❖ **Resolve** your SLS problems, enabling you to:
- **improve** your **productivity**
- **guarantee** the **quality** of your products
- **recycle** your liquids
- **assess** solids
- **respect** effluent standards.

CENTRE OF TECHNOLOGICAL RESOURCES
Established in 1981 (Association loi 1901)

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WE OFFER:

MEASUREMENT AND CHARACTERIZATION

❖ To find the best solution for an industrial problem of solid-liquid separation, it is essential to know the characteristics:

- the **particles** and **suspension** to treat: particle size analysis, morphology, concentration, specific gravity, filterability, compressibility…

- the **filter medium**: porosity, pore distribution, permeability, efficiency…

RESEARCH AND TECHNICAL STUDIES

❖ Technical advice, **Feasibility Studies**, **Technological Innovations**, **Pilot Studies**, on site testing.

IFTS find a sure and rapid solution to industrial problems of **optimization** or **choice of separation equipment**.

WATER ANALYSIS

❖ **Tests** for **waste water** and **fresh water**: measurement of major elements by Ionic Chromatography, Gravimeter, Spectrophotometer and Titrimeter. More than 30 parameters of analysis.

❖ Numerous associated services, such as **Collection from site**, **Taking of Samples**, **piezometric interpretation**…

EQUIPMENT TESTS

❖ IFTS is the **European Centre for Filter Testing**

The tests aim to compare equipment, **test** for **conformity** to **specifications**, or to **certify** the level of **performance** following **standard procedures**.

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ESSAIS
ACCREDITATION
N° 1-0847
PORTEE
COMMUNIQUEE
SUR DEMANDE

CLEANLINESS CONTROL

❖ **Laboratory for Testing Particulate Pollution** in all parts and components used in: **mechanics, hydraulics, plastics**…
❖ **Audits / Advice** for improving cleanliness in workshops and mechanical manufacturing.
❖ **Supply of equipment** for cleanliness control in industrial workshops.

FURTHER TRAINING - INFORMATION

Approved Training Centre

❖ **Training** Inter and Intra-companies on Filtration Techniques, Centrifugation, Particle Analysis and Particle Counting, Cleanliness Control. A choice of other Training also offered.

❖ **Information** on **equipment** and **products available** on the market (more than 2500 manufacturer references).

❖ Database on **scientific** and **technical information**, relating to **SLS**, **unique in Europe**.