



# SURFACE TRACER DILUTION



Accurate Flow Verification. Minimal Disruption.

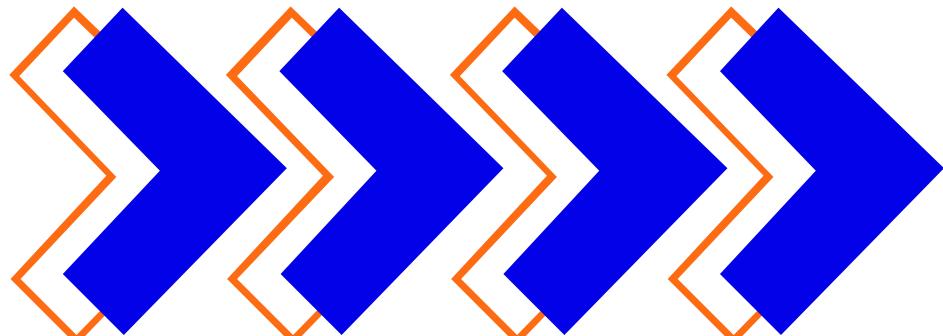
IronFlex Sdn Bhd provides Surface Tracer Dilution services to verify multiphase flow measurement systems without interrupting production. Our approach is proven, non-intrusive, and suitable for challenging operating environments where conventional testing is impractical.

What is Surface Tracer Dilution?

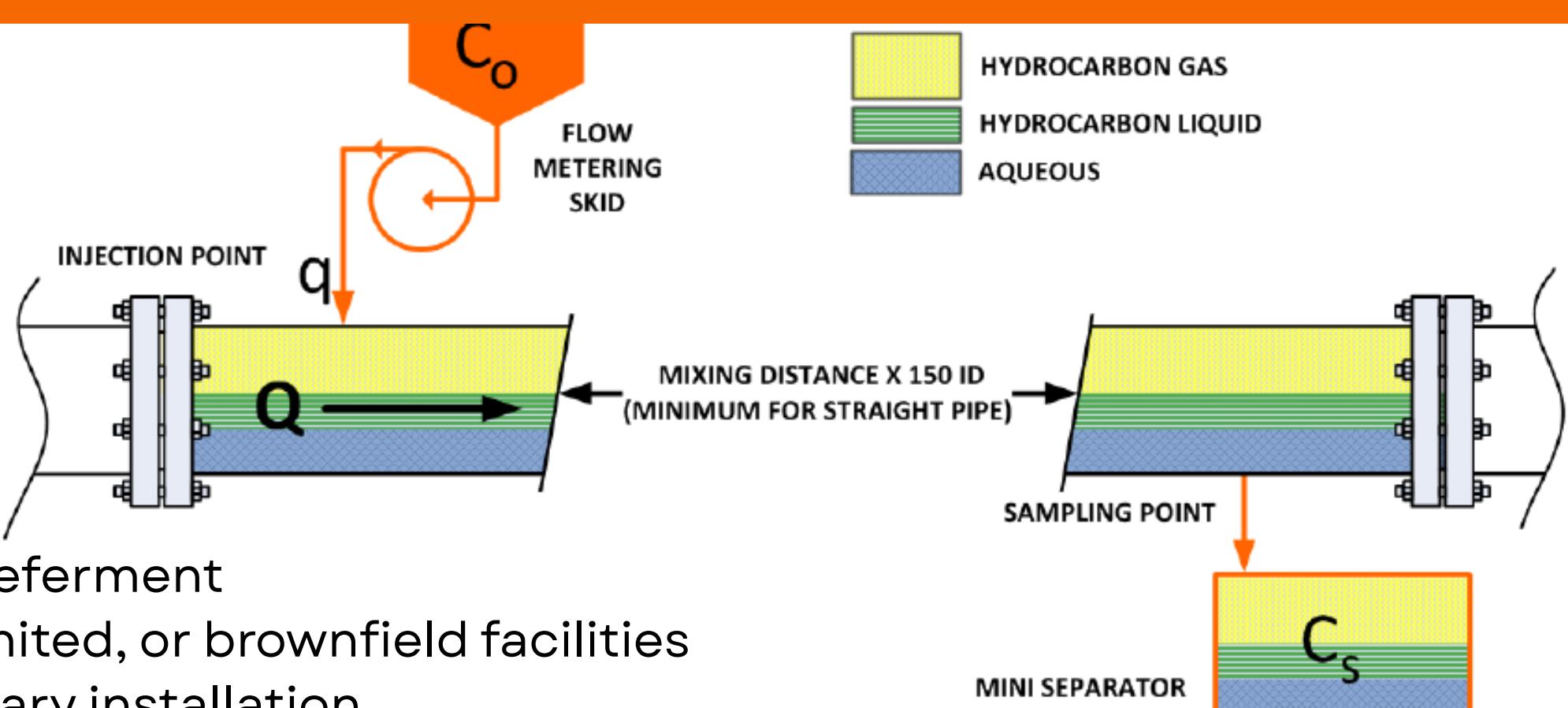
Surface Tracer Dilution is a flow verification technique used in the oil & gas industry to determine oil, gas, and water flow rates under live operating conditions.

A controlled amount of tracer is introduced into the process stream and measured downstream. By analysing how the tracer dilutes in the flow, reliable phase flow rates can be determined – without shutting in the well or installing bulky test equipment.

This method is widely applied for multiphase meter verification, well performance checks, and production surveillance.



Why Use Tracer Dilution?



- No production shutdown or deferment
- Suitable for remote, space-limited, or brownfield facilities
- Minimal footprint and temporary installation
- Scientifically established method with industry acceptance
- Achieves well testing accuracy aligned with regulatory expectations

Tracer dilution offers a practical alternative to conventional well testing while maintaining confidence in measurement quality.



## Typical Applications

- Multiphase Flow Meter (MPFM) verification
- Wet Gas Meter and wet gas applications
- Full wellstream flow measurement
- Individual phase verification (gas, liquid, water injection, flare)
- Site Acceptance Test (SAT) and periodic performance checks



## WHY IRONFLEX

### **Experience that matters**

Our team brings decades of hands-on oil & gas field experience, particularly in flow measurement and tracer-based verification.

### **Purpose-built equipment**

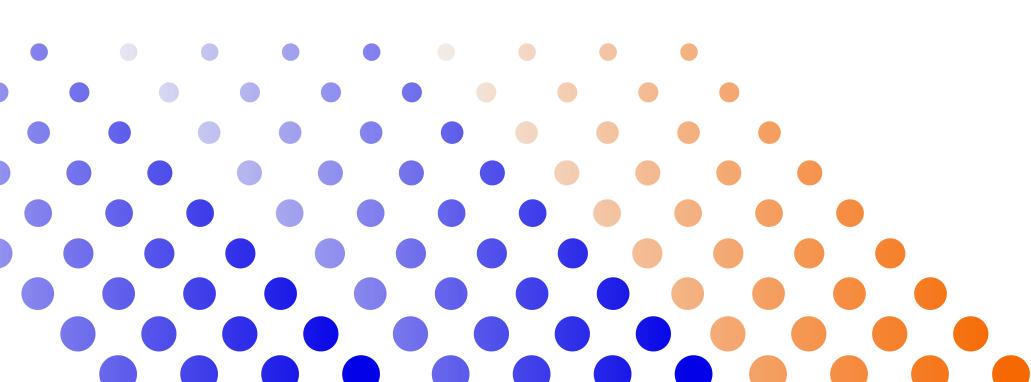
IronFlex deploys in-house engineered tracer systems designed for robustness, field reliability, and high-pressure operations.

### **Focus on accuracy & safety**

Continuous improvement, disciplined execution, and strict safety compliance are embedded in every project we deliver

### **Cost-effective without compromise**

Optimised deployment and efficient execution allow us to remain competitive without sacrificing quality.



Website:  
[www.ironflexss.com](http://www.ironflexss.com)