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DID YOU KNOW?

10 REASONS WHY NOT ALL FIDS ARE THE SAME

our SNR650 is the best flame ionization detector for measuring total hydrocarbon levels in the PPM range

1. **INDUSTRIAL DESIGN SENSOR** many FIDs are actually modified versions of fragile, rack-mounted, laboratory instruments, which can't withstand the rigors of industrial applications
2. **SENSOR MOUNTS AT PROCESS** most FIDs are rack mounted in control rooms but mounting at the sample point eliminates long & expensive heated sample lines resulting in fastest response time
3. **NO SAMPLE PUMPS** pumps handling hydrocarbon sample streams are prone to failure, best to use a sampling system without moving parts
4. **FULLY HEATED SENSOR ASSEMBLY** many FIDs only heat the flame cell, fully heating the entire sensor prevents condensation, so less maintenance & downtime due to clogging
5. **HAS A LINEAR RESPONSE TO TOTAL HYDROCARBONS** reliable, accurate response to total hydrocarbon levels is essential
6. **THE SYSTEM INCLUDES ALARMS AND INTEGRATED RELAYS** monitoring system should have alarm level & fault relays used to drive warning devices and actuate dampers or other process operation settings
7. **READINGS ACCURATELY CONVERT TO WEIGHT STATEMENTS** response needs to be accurate & predictable, so readings can be reliably converted into weight statements, then used to calculate emissions in pounds per hour
8. **ACCESSIBLE FROM A REMOTE LOCATION** if system is used in environmental monitoring to prove compliance with the law, it should have a digital output; streamlining the collection and integration of readings for reporting to the government
9. **THE SYSTEM MUST MEET ALL FEDERAL AND STATE REQUIREMENTS**
10. **CALIBRATION AND MAINTENANCE REQUIREMENTS ARE LOW TO MEET DOWNTIME REGULATIONS** exceeding regulated down-time limits, due to routine calibration and maintenance, can result in penalties

to learn more call 973.575.9114 or visit www.controlinstruments.com