

# No-Haz ASTM-Grade SF<sub>6</sub> Sampling Kit

FOR CONVENIENT SAMPLING, SHIPPING, TESTING AND RECAPTURE / RECYCLING OF NEW OR IN-SERVICE SF<sub>6</sub>

## KEY BENEFITS

- Our simple, “Green” No-Haz sampling method obtains a representative SF<sub>6</sub> sample as per ASTM / IEC / CIGRE methods. All SF<sub>6</sub> used is recaptured and recycled.
- We offer rapid 3-5 day turn around for test reports and an expedited **same day** service option.
- Our No-Haz kits employ Silcotek™ passivated stainless steel (ss) hardware which inhibits surface adsorption of SF<sub>6</sub> impurities. Key impurities can be “wall adsorbed” within untreated ss cylinders which causes test errors.
- The low pressure sample obtained allows you to legally ship\* your SF<sub>6</sub> as a “non-hazardous industrial sample” to our ISO-17025 accredited lab. This No-Haz advantage greatly reduces shipping costs.
- Our experienced staff can help you design a quality control and preventative maintenance testing program for your SF<sub>6</sub> cylinders and GIE systems.

## KIT COMPONENTS

- 2x 300 cc passivated stainless steel cylinders (Minicyl) with 160 psig pressure relief valve, 25 psig check valve (CV) and quick connect (QC) inlet
- 1x Closed, orifice-restricted fitting (COR) with 1/2" to 1/4" bushing adapter set (BAS) and ST-1A flex hose assembly
- Quick connect pressure regulator (QCPR) with 3/8" compression inlet
- 1x 2L MLB-S (Sample Bag)
- 3x 2L MLB-P (Purge Bag)
- CGA-590A Cylinder adapter
- 2x 1" Adjustable Wrenches
- Highly Pictorial Sampling Instructions and Sampling Videos
- Rugged shipping case with custom insert and 2 numbered security tags

World-Class Service at a Fair Price.



Rugged Shipping Case with Instructions and Return Paperwork



2x 300cc evacuated Minicyls with QC Inlets and 25 psig CV Outlets



QCPR  
Quick Connect Pressure Regulator



MLB-S  
Bushing Adapter Set with ST-1A



MLB-P  
CGA-590A Cylinder Adapter

## RECOMMENDED SAMPLING EQUIPMENT



VPR-HF-SF<sub>6</sub>  
Flash Vaporizer - Pressure regulator



PRAG  
Pressure Adjustment Gauge

\*Traditional SF<sub>6</sub> sampling kits from other commercial labs involve taking 100+ psig compressed SF<sub>6</sub> in non-passivated stainless steel cylinders. To meet government regulations you must have hazmat-certified staff to ship 100+ psig compressed SF<sub>6</sub> samples back to these other labs as a hazardous material UN1080. Improperly made hazmat shipments can expose your organization to large fines and possible criminal penalties!



ISO / IEC 17025:2005 Accredited Laboratory

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