SF₆ Gas Management Services

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Service Components

- Training Tools
- Gas Management Tools





Training Tools

- SF₆ Environmental Awareness
- Safe Handling of Compressed Gases and Equipment
- Proper Gas Cart Operation and Maintenance



Gas Management Tools

- Cylinder Residual Reporting
- Gas Analysis
- Gas Recycling
- Gas Carts
- Proper Cylinder Sizing
- Customized Cylinder Delivery
- Supplier Filling Procedures



Cylinder Residual Reporting

- Annual Reporting Form Purchases/Disbursements
- Cylinder Residual ~ 12% of total content
 - (115 lb cyl)(12%) = 13.8 lbs
 - Accounted for as an emission
- Heel Reporting System



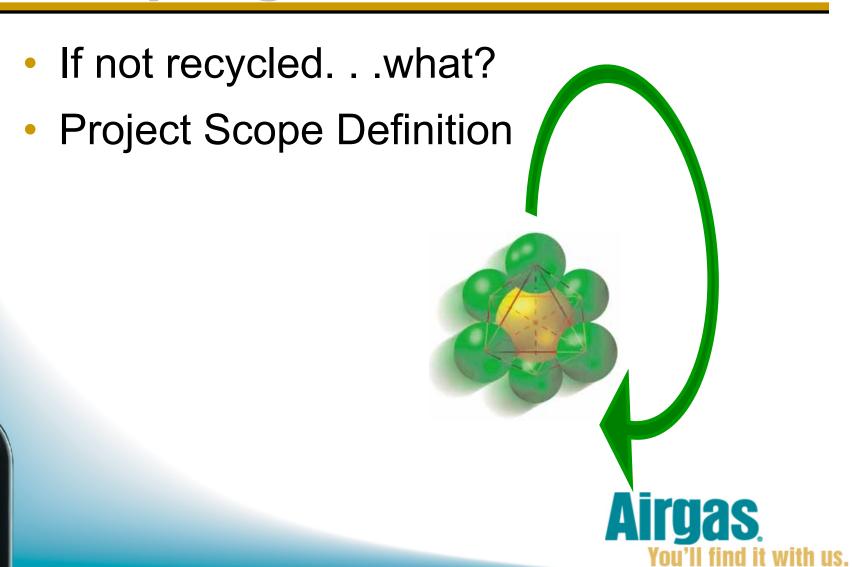
Gas Analysis

- Benefits of knowing quality of SF₆ in Gas Insulated Equipment
- Gas analysis
 - Critical contaminants
 - Fast results
 - Historical tracking





Gas Recycling



Gas Carts

- Required equipment but . . .
 - Maintenance issues
 - Rent vs. Buy





Proper Cylinder Sizing

- Large Cylinders stationary use
- Smaller Cylinders mobile use







Customized Cylinder Delivery

- Minimize "touch" labor
- Minimize cylinder inventories
- Maximize utilization from each cylinder





Supplier Filling Procedures

- Know what your supplier does with residual product
 - Vent and refill
 - Use of RPV (Residual Pressure Valve)







Conclusion

- Proper gas supply program has many benefits:
 - Improved safety
 - Lower operating costs
 - Lower reported emissions



