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## Gas Archiving



### What is "Gas Archiving"?

Gas archiving is the long-term storage of natural gas samples for future reference.

### Why is it done?

- It is nearly impossible to predict in advance which of the various analyses will be most useful in each situation.
- It is cost and time prohibitive to perform all the possible chemical and isotopic analyses on every sample collected.
- Future analytical methods may provide additional useful information which cannot be obtained currently.

### What is required for gas archiving?

- Cylinders and valves designed and manufactured specifically for long-term storage of natural gas samples.
- Equipment thoroughly leak tested by pressure-vacuum differential to insure that samples which have been stored for ten or twenty years (or even longer periods) will still be representative of the gas source from which they originated.

### Where are the archived samples stored?

All archived samples are stored at Isotech Laboratories, Inc. in Champaign, Illinois USA.

### How long are the samples archived?

Samples can be archived for however long they are needed by you the client. Our standard arrangement involves storing samples for a period of 10 years after which a decision is made to renew the agreement for another ten years or to dispose of the samples.

### Why Isotech for Archiving samples?

We have been archiving gas samples at Isotech for over 18 years. Some clients routinely archive all samples after analysis. And if additional analyses are needed, Isotech is consistently at the cutting edge of the newest techniques and methodologies for natural gas analysis.

### What is the cost of archiving a sample?

The cost to archive a sample for ten years in two archival cylinders is currently \$175. Under special circumstances, one archival cylinder can be used at a cost of \$125.

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