

New Application Note on the Analysis of Coal Fly Ash with the Prodigy ICP Spectrometer

Hudson, NH - Teledyne Leeman Labs, a leading manufacturer of analytical instrumentation for elemental analysis, announces the publication of a new application note on the Analysis of Coal Fly Ash with the Prodigy ICP Spectrometer.

Fly Ash is a by-product of coal-fired power plants and can be a major source of air pollution. Approximately 600 million tons of fly ash is produced annually worldwide. Most of it will be placed in landfills where potential ground water contamination is a concern, resulting in the need for metals analysis. Other uses of fly ash include cements, flowable fill, raw feed as clinker, soil modification/stabilization and agriculture.

There are two application notes available. The first application note (App Note 1041) using a Dual View Prodigy ICP with simple HF Sample Preparation. The second application note (App Note 1042) uses a Radial Prodigy ICP and a Lithium Metaborate Fusion Sample Preparation. The data presented illustrates the ability of the Prodigy ICP to provide an accurate and precise analysis of coal fly ash.

To receive a copy of Application Notes 1041 and/or 1042, contact Teledyne Leeman Labs, 6 Wentworth Drive, Hudson, NH 03051. Telephone (603) 886-8400, Fax: (603) 886-9141 or email: LeemanLabsinfo@Teledyne.com or visit our website at www.LeemanLabs.com.