



INDIANA UNIVERSITY

BORKENSTEIN
COURSE

Center for Studies
of Law in Action

BREATH ALCOHOL INSTRUMENTATION

Current State of the Art

by

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To the best of our ability, we will provide you with the latest information and updates on what's new and innovative in breath alcohol equipment. Some of the information provided may come directly from the manufacturers. In addition, providing you with the *Current State of the Art* would not be as affective without at least a mention of the devices that proceeded to the present time.

Specific topics we will be covering are: breath alcohol sampling and collection devices; breath alcohol screening devices (Preliminary Breath Testers); wet chemical; gas chromatography; principles of present state of the art systems - infrared absorption and electrochemical oxidation/fuel cell; Passive Alcohol Sensors.

A discussion of breath alcohol testing would not be complete without discussing Quality Assurance and Proficiency Testing and lastly standardization and alcohol control systems – Wet Bath Breath Alcohol Simulation – Gas Breath Alcohol Simulation.

Your interaction will be required in discussing the future of breath alcohol testing followed by a short discussion of Breath Interlock Devices if time permits.