

Gas Measurement Manual

Amoco

HFM—Hydrocarbon Fluids Measurement—was the umbrella name for a series of TK Solver-based applications developed by UTS in cooperation with the American Petroleum Institute (API) and Amoco.

The core of the software was the API Manual of Petroleum Measurement Standards Chapter 14.3, Part 3. The software was to equip engineers and technicians with a field verification system for calculating natural gas volumes. Again, the various mathematical models of gas behavior were programmed in TK Solver.

There were no frills—just menu-driven sequences of backsolvable math models. They were so effective that they were marketed in two forms—as the HFM series marketed by API and, with considerably more detail, as Measurement Programs Using TK Solver (MPTK).