

Mississippi ASHRAE History Paper 2007
An Old Boiler

In the HVAC business we all are thinking about new systems and equipment. However, every once in a while we come across existing equipment to be replaced and we find some real jewels. I was recently involved in one these situations where an old courthouse (Leake County Courthouse – Carthage, MS) is having it's HVAC system renovated and I was fortunate to have the opportunity to evaluate the system and equipment. The system in this courthouse is currently a four-pipe chilled water & hot water system utilizing fan coil units and air handling units with a chiller and boiler. The boiler is the item that caught my attention.

The boiler serving the Leake County Courthouse was once a coal fired boiler and was installed in 1939. In 1975, the system was upgraded to a hot water system and the boiler retrofitted for natural gas. It is just simply amazing to me that a boiler like this could be retrofitted to use natural gas. I think it is a testament to the craftsmanship of these boilers.

This boiler was manufactured by Lookout Manufacturing in Chattanooga, TN. I have attached pictures of the name plate and a few others taken at differing angles around the boiler.







