



NORTHSIDE GENERAL HOSPITAL – BOILER REPLACEMENT Sydney, NS

Total Area	N/A
Total Project Construction.....	N/A
Electrical Construction Cost.....	\$ 5,000
Mechanical Construction Cost...	\$120,000
Construction Time.....	2 months
Client.....	Cape Breton Health Care Complex, Attn: Nelson Poushay
Construction Manager.....	Cameron MacNeil, CBHC
Architect.....	N/A
Mechanical Consultants.....	F.C. O'Neill Scriven
Electrical Consultants.....	F.C. O'Neill Scriven

Two original high pressure coal fired boilers had become unreliable due to age and leaks. The client required that the boilers be replaced with a new high pressure 300 hp oil fired boiler. As a result of potential for asbestos and heavy metal contamination an investigation was undertaken by an Environmental Consultant to confirm these suspicions.

Based on the findings of the investigation a contamination abatement program was designed as part of the overall boiler replacement project. The contamination removal consisted of construction of a Type 3 enclosure under which all demolition work was to be performed.

Some additional unique challenges included the “loading” of the new boiler into the basement level of the existing building. This installation required that a portion of the existing boiler room wall be removed and reinstated.

The overall project consisted of preparing tender documents for all related activities including demolition, contamination abatement, and new boiler installation, including construction inspection.

