JOHN BOEGH, P.ENG.

SENIOR PROCESS ENGINEER

EXPERIENCE

Mr. Boegh is a senior process engineer specializing in the design and field implementation of boiler and combustion control projects completed by KMH Engineering Inc. He has several years experience as a field engineer for an OEM boiler manufacturer. The following is representative of Mr. Boegh's experience:

- Lead engineer for the process design, commissioning and tuning of new combustion controls on natural gas fired boilers/combustors. Representative projects include Tembec Spruce Fall's #5 Boiler, Ontario Power Generation's Aux. Boiler at Atikokan, Ont., and Abitibi-Consolidated's Flash Dryer in Fort Frances, Ont.
- Lead engineer for the process design, commissioning and tuning of new overfire air controls on the hogged fuel boiler at Kimberly Clark's kraft mill in Terrace Bay, Ont.
- Lead engineer for the process design, commissioning and tuning of upgraded recovery boiler air system and burner management system controls to integrate the incineration of HVLC waste stream gasses. This project was on Bowater's B and C Recovery Boilers in Thunder Bay, Ontario.
- Lead engineer for the process design, commissioning and tuning of the superheater attemporator upgrade project on a 235 MW lignite fired boiler at Ontario Power Generation's Atikokan Generating Station. This project included design and implementation of advanced steam temperature control strategies.
- Lead commissioning engineer for the start up and tuning of the firing grate upgrade project on the hogged fuel boiler at Kimberly Clark's kraft mill in Terrace Bay, Ont.
- Lead commissioning engineer for the natural gas conversion project at Manitoba Hydro's Selkirk Generating Station. This was an EPC project that included a control system upgrade.
- Site project engineer and lead commissioning engineer for the burner management system upgrade on Bowater's #3 Power Boiler in Thunder Bay, ON.
- Assistant commissioning engineer for the start up of mechanical and electrical equipment on the selective catalytic NOx reduction project at Ontario Power Generation's Lambton Generating Station.
- Site project engineer and lead commissioning engineer for the lower furnace rebuild and air system upgrade on Bowater's B Recovery Boiler in Thunder Bay, Ont. This was an EPC scope project that included conversion of the boiler controls to DCS and installation of a new burner management system.

- Lead commissioning engineer for the start up, tuning and performance testing of a 100,000 lb. steam/hr oil fired package boiler at Ontario Power Generation's Lambton Generating Station.
- Lead commissioning engineer for the start up and tuning of #5 Recovery Boiler lower furnace rebuild and air system upgrade at the Harmac kraft mill in Nanaimo, BC.
- Project manager and field supervisor for waterlancing of nuclear steam generators at the New Brunswick Power, Point Lepreau Generating Station.
- Lead commissioning engineer for the tuning and performance testing of three 600,000 lb. steam/hr, gas fired boilers at the Bontang Liquified Natural Gas Plant in Kalimantan, Indonesia.
- Lead commissioning engineer for the start up of a 5.6 million lb. solids/day black liquor recovery boiler at the Alberta-Pacific Forest Industries Kraft Mill.
- Assistant commissioning engineer for the start up of a hogged wood fuel boiler at the Alberta-Pacific Forest Industries Kraft Mill.
- Assistant commissioning engineer for the start up, tuning and testing of a pulverized coal utility boiler and related mechanical equipment at the 300 MW SaskPower Shand Generating Station.