



Robert Krowech, P.E. President



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Bob founded HRST in 1998. He carries out design reviews, boiler inspections, root cause failure analysis and performance analysis. Prior to branching off his own business, Bob worked with the following companies:

- ◆ **Major OEM for Gas Turbine HRSGs**—in the twenty-one years that Bob worked here, he gained a good deal of experience. He worked as a design engineer, project engineer—special projects, manager of R & D, chief engineer, and manager of technical engineering and quality.
- ◆ **MTI**—as a project engineer in New York for two years, Bob was responsible for research and testing involving boilers and thermal systems.

EDUCATION

University of Minnesota, Minneapolis MN

- ◇ Ph.D. course work —1993
- ◇ MS Mechanical Engineering —1976
- ◇ BS Mechanical Engineering (High Distinction) —1973

Bemidji State College, Bemidji MN

- ◇ BS Mathematics with Physics Minor (Cum Laude) —1972



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PATENTS

- ◇ Steam separator
- ◇ Tube climbing device
- ◇ Removable tube supports
- ◇ Retractable Sootblower for High Pressure Gas
- ◇ Rapper for High Pressure Gas
- ◇ Watertube boiler for High Pressure Gas
- ◇ Sootblower for High Pressure Gas

PUBLICATIONS

- ◇ **“HRSGs for Small Combined Cycle and Cogen Plants”**
“Combined Cycle Journal” 1Q 2005
- ◇ **“Reduced-Pressure Operation Shortens HRSG Service Life”**
“Power” Magazine, January/February 2000
- ◇ **“Avoid Damage from HRSG Cycling”**
“Power” Magazine, March/April 1998
- ◇ **“Evaluation of Fouling in Fluid Catalytic Cracker Heat Recovery Boilers”**
“Fouling of Heat Exchanger Surfaces” Conference Proceedings, 1983
- ◇ **“Circumferential Variations of Bore Heat Flux and Temperature for Solar Collector Tube”**
“Journal of Heat Transfer” August 1977