

## PROJECT PROFILE



Manulife Financial, daytime home to almost 3000 employees in the Waterloo region, required a new and ultra high efficient heating system to maintain constant temperatures, be environmentally friendly and to lower heating costs during the colder months. Resource Industrial Group Inc. was awarded the primary contract to furnish and install the complete heating system, including the decommissioning of the old system and to see this detailed project to fruition. RIG's skilled group of project specialists managed the project from floor to ceiling starting with the deconstruction of the existing boiler room and removal of old sheet metal venting, installation of new concrete beds and supports and coordination of all trades and subcontractors. RIG's Certified Riggers delivered the 3 new condensing boilers and then we dispatched our top notch gas and pipefitters for the installation of the

complete heat transfer system including equipment, piping, fittings, valves, traps, strainers, pumps and expansion tanks; (System fluids included hydronic, steam and condensate). Insulation of pipes and boilers and sound packing was key to maintain a noise criteria of NC30 for the surrounding offices; additionally all work had to be scheduled during this retrofitting as to not interfere with ongoing day to day work in the data and general offices. Stucco embossed sheet metal jacketing was installed on exterior piping for weather resistance and zero permeability. Nearing completion of this detailed and time restrictive project, RIG then provided all finishes such as pvc plastic covering over insulation, coating refrigerant piping, canvas jackets where required, pipe painting and finally tagging and labeling of all equipment , valves and parts.



### CUSTOMER

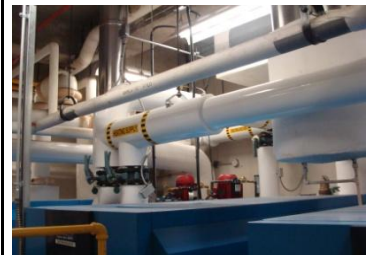
Manulife Financial

### PROJECT

Boiler System Replacement

### LOCATION

Waterloo, On



Resource Industrial Group.

