

Radiant Heaters: Iarnroid Eireann

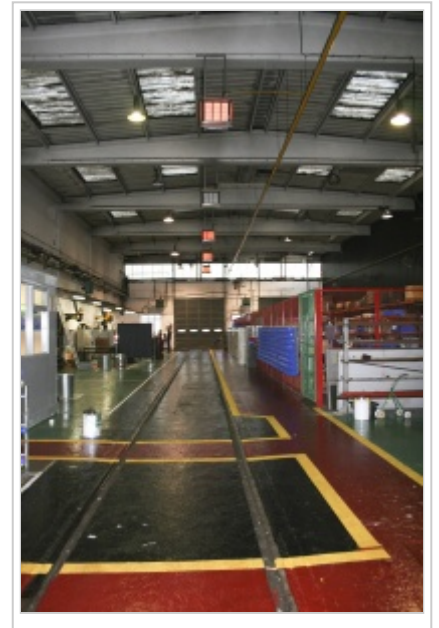
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Iarnroid Eireann



The Iarnrod Eireann Works at Inchicore is one of the largest industrial developments in the country with some buildings dating back over 100 years. In 1984, a decision was made to replace an oil oil-fired heating system with a propane gas-fired radiant heating system in a Plate Fabrication workshop as an experiment to identify the benefits of this new technology.

The project was an outstanding success and over the next twenty years, every building within the 50 acre complex was fitted out with either ceramic type or tube type Re-Verber-Ray gas-fired radiant heaters which now operate using natural gas. In total, there are over 500 appliances with some of the original models having being operated 5 days per week throughout every heating season for the past 25 years.





In such a vast complex of buildings, control of the operational hours and the temperature becomes of critical importance. Radiant sensitive blackbulb thermistors are used for picking up the temperature data which is relayed back to controllers within each individual building. This arrangements ensures that there is no wastage of natural gas and that the employees can start the working day in a comfortable environment.





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