

# Johns Manville

Defiance, Ohio

## *Rebuild and Upgrade Furnace*

When Johns Manville, a leading manufacturer and marketer of premium-quality building insulation, commercial roofing, roof insulation and specialty decided to rebuild and upgrade a large furnace, they knew the project would be challenged by an aggressive schedule and the need to perform. Johns Manville chose the EPC (Engineer, Procure and Construct) contracting approach and sought contractors that would use the benefits of the approach to its full potential. EPC contracting gives an advantage to the owner by designating a single point of contact for the project - shifting risk to the contractor and compressing the construction schedule, which allows construction to advance during the design process. These benefits ensured that JM would be able to meet the aggressive schedule that was set for the project, all while maintaining operation of their other furnaces during construction. The approach also provided JM the performance guarantees it needed to ensure production specifications.

The \$5.5-million investment demonstrates JM's commitment to the pipe insulation business and its continued application of state-of-the-art technology to produce products using pot and marble technology. Joe Mota, leader of the sales and inventory operations planning stated "These products offer our customers unique characteristics that many of our competitors' processes are not capable of delivering".

The rebuilt furnace will accommodate future needs of numerous markets by manufacturing glass marbles that will be used in aviation insulation, automobile components, HVAC equipment, duct systems, office systems, batteries and air filtration.

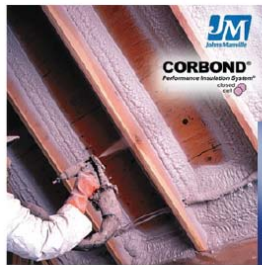
## *Project Scope*

IPS was once again a key partner for JM; and served as EPC contractor for the furnace rebuild. The project also represented a significant safety achievement for both Johns Manville and IPS. The IPS project team worked more than 32,500 hours on this project with no recordables and no first aid incidents.

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*Project Duration:* 1 Year

*Project Cost:* \$5.5 Million



TURNKEY - EPC



IPS