

④ JUPITER ALUMINUM

JUPITER ALUMINUM
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JUPITER COIL COATING DIVISION
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RECYCLING ALUMINUM SINCE 1992

Jupiter Aluminum was established in 1992 and specializes in recycling scrap into mill finish and painted products. We are 100% scrap based and produce essentially two alloys: 3105 and 3004. The Company serves mainly the Building and Construction market and also sells to Service Centers and Governmental agencies.



Committed to Environmental Respect | Best Practice Oxy-Fuel Combustion Technology
Patent Licensed from Jupiter Oxygen Corporation

RESULTS

- Improved Energy Efficiency: 750-900 Btu/lb for continuous runs
- Lower Fuel Costs: Natural gas fuel reduction up to 73% | Oil fuel usage reduction up to 68%
- Improved Production: Better heat transfer



JUPITER OXYGEN CORPORATION

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PRACTICAL TECHNOLOGY

Fossil Fuel Carbon Capture ◦ Increased Energy Efficiency ◦ Greenhouse Gas Solution



Jupiter Oxygen's Research Facility in Hammond, IN

VISIONARY INNOVATION | SCIENTIFIC APPROACH | OPERATIONAL EXPERIENCE

Jupiter's technology is the innovative application of oxygen, instead of air, for fossil fuel combustion, which can result in ultra-low emissions while removing the barriers for carbon capture. The technology provides the pathway for environmentally friendly and economically sound power plant policy.

- Greater Radiant Heat Transfer ◦ Improved Efficiency ◦ Decreased Fuel Usage
- Reduced Flue Gas Volumes ◦ Concentrating The Pollutants For Easy Removal