



Praxair's Argon Oxygen Decarburization

www.whiting.ca

(AOD) is the recognized standard for stainless steel refining worldwide. Whether you are producing castings, wrought stainless, low alloy, or specialty steels, AOD provides numerous advantages:

- High metallic yields
- Flexibility in low-cost raw materials selection
- Pinpoint accuracy in achieving desired aim chemistries
- Precise control of carbon to 0.01% and lower
- Rapid desulfurization to less than 0.001%
- Lead removal to less than 0.001%
- Cleaner metal, with low residual oxygen, nitrogen and hydrogen
- Increased production capacity from a relatively small capital investment

Whiting has manufactured over 70% of North America's operating Praxair licensed AOD's



80 Ton AOD pouring heat into crane ladle



80 Ton AOD preparing to slag off into slag pot transfer car



Operating view of AOD used in the production of small stainless steel castings - foundry application