

GREEN FOUNDRY CASE STUDIES

WASTE MANAGEMENT & BENEFICIAL REUSE:

Tool Room Scrap Metal Recycling



BEFORE



AFTER

Description

The process of high-quality metals waste clean-up was changed by implementing scrap-metal collection barrels as an alternative to sending the metal waste to a landfill. The four types of metal waste generated in the tooling department were collected into separate, clearly labeled barrels and the machines were cleaned after every use to prevent cross-contamination of metals in the barrels. The metals waste was then sent for recycling.

Environmental Benefits

- It is estimated that almost two tons of metals per year will be kept out of the landfill and will be recycled for remanufacturing.
- This project affected the triple bottom line of environmental awareness, cost savings and building self-esteem of team members.

Cost & Savings

- Based on current scrap pricing, the facility will recover an estimated \$1,500 annually from this project.

Other Benefits

- Team member morale and camaraderie increased due to successful team work and project fulfillment.

Applicability

- This type of scrap metal recycling is applicable and achievable at other facilities.

For more information contact: **Juliette Garesché**,
Senior Environmental Health & Safety Technical Director,
at jgareshe@afsinc.org or **847.824.0181 ext. 224**.