



Fuel Vapor Carbon Canister Assembly and Test System

Problem

A Tier 1 Supplier produces a number of vapor-control Carbon Canister products. Their traditional approach to carbon filling required a high capital investment that diluted the ROI significantly.

- ❑ Existing equipment supply base unable to develop a cost-effective solution
- ❑ “Standard” carbon filling solution lacks precision and flexibility
- ❑ “Standard” equipment solutions create major process constraints

Solution

WTAS selected and teamed up with a dry-solids feeding device technology company and jointly developed innovative process enhancements that led to significant capital and tooling costs reductions for our customer.

- ❑ Putting years of process experience as a foundation for “out of the box” process design
- ❑ Partnering with industry experts
- ❑ Deployment of Lean principles provided flexibility to accommodate variable thruput volumes

Benefits

WTAS customers realize an optimal mix of proven technologies with creative system concepts that maximize the operating profitability and ROI.

- ❑ Optimal utilization of labor for a given production yield
- ❑ Programmable material dispensing allows fast inclusion of new products
- ❑ Lean approach yields high-value capital redeployment in out-years



Our Customer Comments:

- **Wes-Tech brings an innovative solution to an old problem: how to repeatably dispense activated carbon.**
- **Wes-Tech saved us significant dollars in capital costs with their innovative solutions.**

Carbon Canister Cell

Assembly System

Benefit Summary