



OPERATION CLEAN SWEEP®

IMPLEMENTING EFFORTS TO PROTECT
THE ENVIRONMENT

Furthering solutions

WHAT IS OPERATION CLEAN SWEEP® (OCS)?



- Product stewardship program of the American Chemistry Council – Plastics Division and Plastics Industry Association (PLASTICS)
- Goal is to:
 - Help every plastic resin handling operation implement good housekeeping and containment practices
 - Work towards achieving zero pellet, flake, and powder loss
 - Improve relations with organizations that expect the industry to minimize environmental footprint.

How to join:

- OCS “program member”
 - Take the pledge
- OCS Blue Certification
 - Available in North America to indicate to shareholders, the public, and the government that a company is adhering to stricter guidelines on plastic handling in their operations and supply chain
- <https://www.opcleansweep.org/>



WHY JOIN OCS?



Environmental impact



Reputation and competitive advantage



Legal and regulatory pressure



Streamlined operations

OCS PROCESS





OCS PROCESS-FACILITY AUDIT

- Conduct a facility audit
 - Create pellet loss gap assessment to identify fixes/actions needed
 - Look for pellets! Focus on closing gaps and containing pellets
 - Make upgrades to equipment if necessary
- Map storm water drainage to understand pellet loss potential

Examples of Upgraded Equipment



OCS PROCESS-RAISE EMPLOYEE AWARENESS



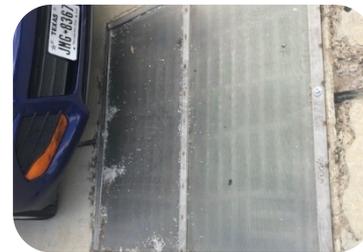
- Train employees on Operation Clean Sweep
- Ensure procedures to contain pellets or respond to pellet loss are in place
- Encourage improvement ideas from employees





OCS PROCESS-HOUSEKEEPING INSPECTIONS AND CONTAINMENT

- Proper containment is necessary to ensure pellets do not leave the facility
 - Install screens on storm water/sewer drains
 - Use covers and liners for scrap collection bins
 - Use collection pans in areas that leak pellets to contain



- What can YOU do?

- Take the pledge
- Implement proper housekeeping and containment practices to help achieve zero pellet, flake, and powder loss, for example:
 - Properly empty and seal trucks and railcar caps
 - Provide catch trays for use at unloading valves
 - Install recovery systems to remove pellets before water discharge

- What is Dow doing?

- Dow is a pledged “program member” in Operation Clean Sweep®
- Working to have all Dow plants OCS Blue certified in 2020
- Plan to report pellet spills in our annual sustainability report starting June 2020
- Committed to working with our manufacturing plants, logistics service providers, and customers to implement OCS across the value chain





TAKE THE PLEDGE

Dow is a proud supporter of
Operation Clean Sweep®

Join us and take the pledge to change
your company culture and keep plastic
pellets in check.

<https://www.opcleansweep.org/>



1. Contain spills
2. Clean up swiftly and effectively
3. Recycle or dispose of properly





Seek

Together™

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