

# Nine Cleaner Production Approaches

## *Approach*

## *Definition*

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|-------------------------------------|---|
| <b>1. Good Housekeeping</b>         | Preventing leaks and spills, instituting preventive maintenance schedules, regularly checking equipment, making sure employees follow official work procedures.                 |
| <b>2. Input Substitution</b>        | Substituting one or more less expensive, less dangerous, or more efficient input material for an existing input material.   |
| <b>3. Better Process Control</b>    | Changing working procedures, machine instructions, and process record keeping to increase throughput, reduce waste, and/or improve product quality.                             |
| <b>4. Equipment Modification</b>    | Changing the existing process equipment to increase throughput, reduce waste, and/or improve product quality.   |
| <b>5. Technology Change</b>         | Replacing the existing technology, changing the order of process steps to in to increase throughput, reduce waste, and/or improve product quality.                              |
| <b>6. Product Modification</b>      | Changing the characteristics of a product to increase throughput, reduce waste, and/or improve product quality.   |
| <b>7. Energy Efficiency</b>         | Making changes in any aspect of business operations to reduce energy consumption or cost.   |
| <b>8. Onsite Recovery and Reuse</b> | Capturing and reusing onsite, materials that were previously wasted.  |
| <b>9. Waste to Product</b>          | Identifying an end market and marketing a material formally considered waste. May involve changes in processing of original product or new processing steps to transform waste. |