

# Toxics Use Reduction and Hazardous Waste Reduction Plan for

[Facility information here]  
from [year to 5 years later]

## **Preface**

Prior and current toxics use reduction and hazardous waste reduction (TURHWR) activities we have and are completing at our facility include:

- [List those activities here and attach any supporting documents]

While examining our facility's reduction options, staff have identified impediments to implementing TURHWR including:

- [List those impediments here and attach any supporting documents]

## **Policy**

I commit [Facility name] to fully engage in continual TURHWR planning and implementation. By signing below, I fully support this plan and the employees who implement this plan.

[Owner's or senior manager's signature]  
[Signature block of owner or senior manager on site]

## **Scope, Goal and Objectives**

The scope of this plan covers employees and activities related to hazardous materials and waste at [Facility name] for five years. The overall goal of this TURHWR plan and associated reduction activities is to eliminate or minimize the toxic substances used and hazardous waste generated. These facilities will implement this goal by annually:

- Evaluating current and new technologies that can achieve further reductions of toxic chemicals and hazardous waste;
- Reviewing and updating processes and personnel procedures involving hazardous materials use and hazardous waste generation; and
- Training employees about how they can help the facility reduce its toxics used and hazardous wastes generated.

## **Reduction Evaluations**

[Facility name] has conducted and will annually conduct an internal analysis of its toxic substance usage and hazardous waste generation. From the [year] internal analysis, the following individual chemicals, processes, and facilities were reviewed:

[Suggested format is:]

*Toxics Used* [include any toxic substance used in quantities in excess of 10,000 pounds per year, and any toxic substance used in quantities in excess of 1,000 pounds per year that constitute 10% or more by weight of the total toxic substances use per year]

#### Example 1

**Toxics Used:** Paint Thinner

**Amount Range:** 400-500 (or 3,200-4,000) gallons per year

**Hazardous Constituents:** 30% Toluene, 20% acetone, 10% methy ethyl ketone

**Location:** Paint Room

**Reason for Use:** Thinning paint, cleaning brushes, and paint sprayers

**Reduction Options:** [List options and the evaluation for each including any available options that are technically practicable]

**Reduction(s) implemented:** [List options(s) selected especially those that are technically and economically feasible]

**Rationale for Options Not Selected:** [Reasons for not selecting an option include...]

**Reduction impediment(s):**

*Hazardous Waste Generated* [For large quantity generators (LQGs), include any hazardous waste representing 10% or more by weight of the cumulative hazardous waste generated per year]

**Waste Generated:** Paint Waste

**Amount Range:** 100-125 gallons per year

**Hazardous Constituents:** Toulene, acetone, methyl ethyl ketone, cadmium

**Location:** Paint room

**Reason for generation:** Excess paint leftover

**Reduction Options:** [List options and the evaluation for each including any available options that are technically practicable]

**Reduction(s) Implemented:** [List option(s) selected especially those that are technically and economically feasible]

**Rationale for Options Not Selected:** [Reasons for not selecting an option include...]

**Reduction Impediment(s):**

#### **Training and Education**

As part of this plan, the facility is training and educating its employees about TURHWR by:

- [List training and education activities]

#### **Institutionalization**

[Facility name] demonstrates its commitment to incorporate TURHWR planning and related activities into management practices and procedures by:

- [List how the company will do this, such as annually updating this plan, coordinating these updates with the review, and updating of management practices and procedures, etc.]

#### **Implementation**

[Facility name] has identified several TURHWR opportunities that are technically and economically feasible. These reduction opportunities, employee tasks and dates are:

- [List reduction opportunity, task(s) to implement the reduction(s), implementation dates, and other important factors in implementing this plan.]