




# Sterling Chemical Malta Ltd

## BASE DOCUMENTS: OBJECTIVE AND TARGETS

### REVISION HISTORY

Revision Date	Revision Number	Sections affected	Change description

Document number: <b>MDA_4.3.3</b>	Edited by <b>RSGA</b>	Approved by <b>Top Management</b>
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## 1. PURPOSE

Sterling Chemical Malta Ltd sets objectives for environmental improvement and develops targets and action plans to meet those objectives. These objectives are directly related to the company's significant environmental aspects (SEAs) and follow from its environmental policy commitments.

## 2. SCOPE

In this document there are the factors to consider in setting objectives and targets

- ability to control
- ability to track / measure
- cost to track / measure
- progress reporting
- links to policy

Its more important for measurement the efficiency of Emnvironmental Management System.


## 3. DEFINITIONS

***Environmental Objective:*** Overall environmental goal, arising from the environmental policy, that an organization sets itself to achieve, and which is quantified where practicable;

***Environmental Target:*** Detailed performance requirement, quantified where practicable, applicable to the organization or parts thereof, that arises from the environmental objectives and that needs to be set and met in order to achieve those objectives

## 4. APPLICABILITY

- setting objectives and targets should involve people in the relevant functional area(s). these people should be well positioned to establish, plan for, and achieve these goals. involving people helps to build commitment.
- get top management buy-in for your objectives. this should help to ensure that adequate resources are applied and that the objectives are integrated with other organizational goals.
- in communicating objectives to employees, try to link the objectives to the actual environmental improvements being sought. this should give people something tangible to work towards.
- Objectives should be consistent with your overall mission and plan and the key commitments established in your policy (pollution prevention, continual improvement, and compliance). Targets should be sufficiently clear to answer the question: "Did we achieve our objectives?"

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- Be flexible in your objectives. Define a desired result, then let the people responsible determine how to achieve the result.
- Objectives can be established to maintain current levels of performance as well as to improve performance. For some EMSs you might have both maintenance and improvement objectives.
- Communicate your **progress** in achieving objectives and targets across the organization. Consider a regular report on this progress at staff meetings or posting key targets and progress to those targets in our plant.
- To obtain the views of interested parties, consider holding an open house or establishing a focus group with people in the community.
- How many objectives and targets should an organization have? Various EMS implementation projects indicate that it is best to start with a limited number of objectives (say, three to five) and then expand the list over time. Keep your objectives simple initially, gain some early successes, and then build on them.
- Make sure your objectives and targets are realistic. Determine how you will measure progress towards achieving them.
- Keep in mind that your suppliers (of service or materials) can help you in meeting your objectives and targets (e.g., by providing more “environmentally friendly” products).
- If an environmental aspect is not significant then it does not need an objective and target

## 5. IDENTIFICATION OF OBJECTIVES AND TARGETS

**5.1** The HSE committee or designee identifies objective and targets that the plant manager reviews and approves. The objectives and targets can then be summarized on a form **MMA\_4.3.3-B Summary of company objectives and targets**, for the plant as a whole. For each SEA, the organization will establish an appropriate objective and target. There are three types of objectives represented as follows:

C = Control or Maintain


I = Improve

S = Study or Investigate

**5.2** The HSE committee is also responsible for developing and recommending potential new environmental objectives to top plant management. In identifying potential new objectives, the HSE committee considers the following:

- Environmental policy
- SEAs (especially, those EMSs that pose chemical risk)
- Applicable laws and regulations and potential future laws and regulations
- Practical business criteria, such as the potential costs and benefits of pursuing a
- particular environmental objective and our commitment to pollution prevention
- The views of employees and other interested parties

**5.3** When developing and recommending objectives, the HSE committee should consider the number of columns that were marked “yes” on **Form Monitoring and control register**. These columns relate to the significance criteria established by this EMS (legal/company

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requirements, community concerns, pollution prevention potential, and/or potential impact on the environment). Those EMSs with two or more Yes or High rankings will likely be good candidates for control, improvement or investigation.

- 5.4 Once environmental objectives are approved by top plant management, the Environmental Management Representative (RSGA) assigns responsibility (to the manager of the process in question, where appropriate) for developing targets and action plans to realize the objectives. Sometimes, this may require an alternatives evaluation (or study) as the first target (or action item).

## 6. RECORDS


A summary of company objectives and targets can be recorded using a form MMA\_4.3.3-A Objectives and Targets Organized and Environmental Management Programs that correspond to each objective are recorded using form MMA\_4.3.3-B. The RSGA or designee is responsible for maintaining these records.

Record Description	Record Location/ Retention Responsibility	Minimum Retention Time
Summary of company objectives and targets (MMA_4.3.3-A)	RSGA/Top Management	1 years
Targets Organized and Environmental Management Programs (MMA_4.3.3-B)	RSGA/Top Management	1 year

## 7. APPENDIX

Appendix 1 Summary of company objectives and targets (MMA\_4.3.3-A)

Appendix 2 Targets Organized and Environmental Management Programs (MMA\_4.3.3-B)

 Sterling Chemical Malta Ltd	FORM	Form Number MMA_4.3.3-A
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*SUMMARY OF COMPANY OBJECTIVES AND TARGETS*

Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Approved By \_\_\_\_\_

EMS ROLE \_\_\_\_\_

Edited By RSGA \_\_\_\_\_

Objective	Targets
<b>Supplies</b>	
Increase use of non hazardous chemicals by suppliers	Increase use of suppliers that provide alternative chemicals by 5% by January 2016
Reduce amount of supplies used	Implement recycling of supplies (oil, plastic, solvents, toner) respectively by January 2016
	Implement reuse program for wooden pallets by June 2014
	Implement reuse program for plastic drums by January 2015
<b>Energy use</b>	
Reduce energy usage	Reduce electricity use by 2% by January 2016
	Reduce LPG use by 2% by January 2016
<b>Water use</b>	
Reduce water use	Reduce water use by 5% January 2016
<b>Spills</b>	
Reduce occurrence of spills	Reduce spill occurrence by 10% by January 2016 by training the following personnel:
<b>Air Emission</b>	
Reduce air emissions	Reduce boiler emissions by 5% by January 2017
	Improve material handling practices (for example, use of paint warming cabinets) by January 2016
	Reduce VOC and dust in flue gas

