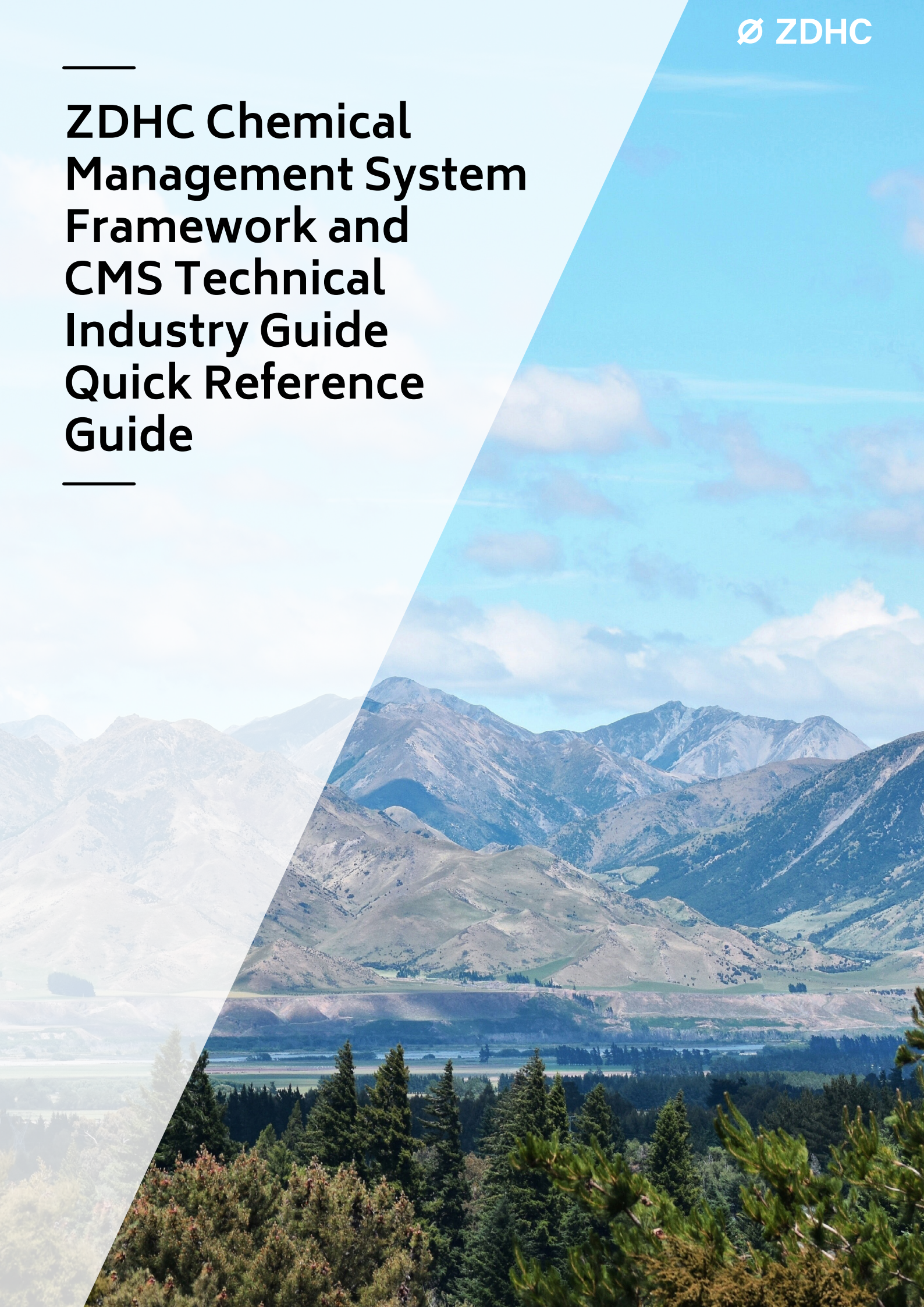


---

# ZDHC Chemical Management System Framework and CMS Technical Industry Guide Quick Reference Guide

---



# NOTES

This quick reference guide is designed to help readers gain a quick understanding of the comprehensive ZDHC Chemical Management System Framework V1.0 and CMS Technical Industry Guide V1.0. It provides a high-level overview and concise information, while the full documents offer detailed information and thorough clarification on all aspects of responsible chemical management as part of implementation of ZDHC Roadmap to Zero Programme. For a comprehensive understanding and to delve deeper into the subject matter, we highly recommend reviewing the full documents.

This document should be read in conjunction with:

[ZDHC Responsible Solvents Approach Guide V1.0](#)

For commonly used term definitions please refer to our [glossary](#).

# DISCLAIMER

The CMS and TIG Quick Reference Guide does not replace legal or brand-specific chemical management. For the disclaimers for these documents please refer to the documents:

[ZDHC Chemical Management System Framework V1.0](#)

[ZDHC Chemical Management System Technical Industry Guide V1.0](#)

# Contents

- NOTES . . . . . 2**
- DISCLAIMER . . . . . 2**
- Introduction . . . . . 4**
  - Background . . . . . 4
  - What is the objective? . . . . . 4
  - What is in scope? . . . . . 5
- Document summary . . . . . 6**
- Impact . . . . . 8**
  - How it impacts brands . . . . . 8
  - How it impacts suppliers (manufacturing facilities) . . . . . 8
- Implementation. . . . . 9**
  - Brand actions . . . . . 9
  - Supplier actions . . . . . 9

---

# Introduction

---

---

## Background

A sound chemical management system is crucial to ensure worker safety and reduce the organisation's environmental impact.

In order to harmonise requirements across the textile and footwear industries ZDHC developed two documents focused on chemical management. These two documents work cohesively together to support the industry implement sustainable chemical management practices. The ZDHC Chemical Management System Framework (CMS) is the what is expected and the ZDHC Technical Industry Guide (TIG) is the how to implement those requirements.

---

## What is the objective?

The objective of both documents is to guide the industry on better chemical management practices, by providing a cohesive set of guidelines on what the minimum requirement is and how to achieve it.

The aim is to set best practices within the industry as well as to prevent confusion caused from having multiple requirements across the industry, enabling suppliers to clearly understand what is required.


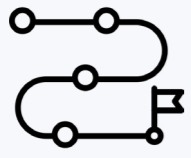




---




## What is in scope?

Good chemical management is paramount in all manufacturing facilities, therefore all textile, apparel, leather and footwear facilities where there is wet processing/use of chemicals are in scope.

# Document summary

Both documents are split into nine sections;

	Section	Description of sections in TIG
	Policy	Advises suppliers how to write a chemical management policy. What should be included, who it should be communicated to, and what is in scope.
	Strategy	Advises suppliers what a chemical management strategy should include. How to define the scope and resources and setting an action plan.
	Assessments	Explains different types of risk assessments and how to carry out these assessments.
	Health and safety	Explains the different risks to workers from chemicals and how to reduce risk. Including; controls, PPE, emergency response, etc
	Chemical inventory	Details what is a chemical inventory and provides a template to document all chemicals and their information with requirements for Foundational, Progressive and Aspirational Levels
	Storage and handling	Best practices for safe chemical storage and handling within the facility.

	Section	Description of sections in TIG
	Output management	Details how to monitor quality of 4 outputs: wastewater, sludge, air and solid waste, and what to do with the results.
	Process control	How to ensure proper control of documents and process through maintenance schedules.
	Continuous improvement	How to ensure continuous improvement to chemical management within the facility through a review of the chemical strategy document and by training employees.

The ZDHC Chemical Management System Framework explains each topic; what it is, and what the minimum requirements are. These minimum requirements complement existing regulations and operational/product requirements. They serve as a baseline for evaluating an organisation's chemical management system's effectiveness, driving ongoing improvements.

The ZDHC Technical Industry Guide provides not only the minimum requirements given in the ZDHC CMS Framework but also gives practical examples, templates, tables, illustrations, flow charts and recommendations to help suppliers and manufacturing facilities adopt industry best practice for chemical management.

---

# Impact

---

---

## How it impacts brands

The ZDHC CMS and TIG enables brands to share concise detailed chemical management best practices with their supply chain partners. Having one set of guidelines across multiple brands ensures that a strong cohesive message is delivered to suppliers.

Often brands would develop their own guidelines, this takes time not only to formulate to begin with, but to keep it up to date. By using ZDHC guides the brands can reduce their workload and have confidence that they have shared best practices with their supply base.

---

## How it impacts suppliers (manufacturing facilities)

By multiple brands referring to the same document for their chemical management requirements it ensures a consistent approach, providing clarity and simplicity for suppliers.

Suppliers may have the desire to achieve the requirements set by brands, but not know where to start. The ZDHC CMS and TIG helps guide the supplier in their journey to better chemical management.

---

# Implementation

---

---

## Brand actions

Brands should share the CMS and TIG with their supply chain partners, expressing their requirements.

The same message, to follow the ZDHC CMS and TIG, shared with a supplier from multiple brands has a big impact, and provides clarity from one clear set of requirements.

---

## Supplier actions

Suppliers should review their own chemical management systems against the requirements set out in the ZDHC CMS and TIG, and improve where necessary.

They should register on the ZDHC Supplier Platform for the Supplier to Zero Level 1 and complete a self-assessment for their chemical management system. Once this is completed, suppliers can download an acknowledgement from the platform and share with their connected brands.

Suppliers can then go for the Supplier to Zero Level 2, where they will be asked to upload specific documents to substantiate their CMS implementation. On successful completion and evaluation of their submission, suppliers can download a Level 2 certificate from the platform.

Suppliers are encouraged to register and attend ZDHC Academy training on this subject to gain a greater understanding.