



Environmental Quality Manual



Table of Contents

1	INTRODUCTION	3
1.1	SCOPE	3
2	DOCUMENTATION STRUCTURE	3
2.1	LEVEL I: SKYWORKS ENVIRONMENTAL QUALITY MANUAL	3
2.2	LEVEL II: STANDARD OPERATING PROCEDURES	4
2.3	LEVEL III: WORK INSTRUCTIONS.....	4
2.4	LEVEL IV: FORMS.....	4
2.5	REFERENCE DOCUMENTS.....	4
2.6	EMS DOCUMENT STRUCTURE	5
3	SKYWORKS STRUCTURE & RESPONSIBILITY	5
4	ENVIRONMENTAL MANAGEMENT SYSTEM REQUIREMENTS	5
4.1	GENERAL REQUIREMENTS	5
4.2	SKYWORKS ENVIRONMENTAL POLICY.....	5
4.2.1	<i>Policy Communication</i>	6
4.2.2	<i>Product Portfolio Development and Management</i>	8
4.3	PLANNING.....	8
4.3.1	<i>Environmental Aspects</i>	8
4.3.2	<i>Legal and Other Requirements</i>	9
4.3.3	<i>Objectives, Targets and Programme(s)</i>	9
4.4	IMPLEMENTATION AND OPERATION.....	10
4.4.1	<i>Resources, Roles, Responsibility and Authority</i>	10
4.4.2	<i>Competence, Training and Awareness</i>	11
4.4.3	<i>Communication</i>	11
4.4.4	<i>Documentation</i>	12
4.4.5	<i>Control of Documents</i>	12
4.4.6	<i>Operational Control</i>	13
4.4.7	<i>Emergency Preparedness and Response</i>	13
4.5	CHECKING	13
4.5.1	<i>Monitoring and Measurement</i>	13
4.5.2	<i>Evaluation of Compliance</i>	14
4.5.3	<i>Nonconformity, Corrective Action and Preventative Action</i>	14
4.5.4	<i>Control of Records</i>	14
4.5.5	<i>Internal Audit</i>	15
4.6	MANAGEMENT REVIEW	15
5	GLOSSARY OF TERMS (DEFINITIONS)	15
6	REVISION HISTORY	16

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1 Introduction

This manual defines the Skyworks Solutions, Inc. approach to and assignment of responsibilities for the company Environmental Policy, the Environmental Management System, and its associated requirements. This manual is based upon the ISO 14001-2004 standard and follows its numerical order throughout section 4. Each Skyworks facility or Business Unit keeps and maintains site specific level II standard operating procedures, level III work instructions, and level IV forms conforming to this manual and the provisions of ISO 14001-2004. Together, this system of documentation is collectively known as the environmental management system (EMS).

1.1 Scope

The provisions of this manual apply to design, development, manufacturing, business units and support organizations at the following Skyworks locations:

- Newbury Park, CA
- Irvine, CA
- Woburn, MA
- Mexicali, B.C., Mexico
- Skyworks Design Centers, Globally

This manual also applies to manufacturing and support organizations at the following location:

- Adamstown, MD (Trans-Tech, Inc.)

2 Documentation Structure

This manual outlines the quality system design for Environmental Management Systems at Skyworks Solutions, Inc. This manual is a part of a hierarchy of documentation that is established to ensure uninterrupted quality from all levels of Skyworks.

The documentation structure is in line with and conformant to the documentation structure outlined in the Skyworks Quality Manual, SQ01-0001.

The pre-fix letters such as “NP,” “WB,” etc. indicate the location or business unit to which the document applies (NP = Newbury Park, WB = Woburn). The pre-fix letters “SQ” indicate a global document that applies to two or more locations / business units (as indicated in the “Scope” section of each specific document).

2.1 Level I: Skyworks Environmental Quality Manual

The Environmental Quality Manual (EQM) is the level I document. It establishes policies to which all other environmental programs and documentation must conform to.

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2.2 Level II: Standard Operating Procedures

Each Skyworks location or business unit keeps and maintains level II standard operating procedures. The SOP's are site or organization specific and outline the details of each site/organizations' environmental programs. Level II SOP's are conformant to the EQM. Where applicable, global (SQ) SOPs developed and maintained.

2.3 Level III: Work Instructions

Level III work instructions are site or organization specific procedures that define how the tasks referenced in the level II documents are performed. Where applicable, global (SQ) work instructions are developed and maintained.

2.4 Level IV: Forms

Level IV forms provide a means to record results achieved or evidence of activities performed. Where applicable, global (SQ) forms are developed and maintained.

2.5 Reference Documents

Within each of the below listed Level II documents, references to applicable Level II, Level III and Level IV documents can be found.

Skyworks

SQ01-0001 Quality Systems Manual

Newbury Park, CA

NP-01386 Newbury Park Environmental Management System

Irvine, CA

IRV-0006 Irvine Environmental Management System

Woburn, MA

WB-0001-ENV Woburn Environmental Management System

Mexicali, MX

MX-SAA-0036 SAA Mexicali Environmental Management System

Adamstown, MD (Trans-Tech, Inc.)

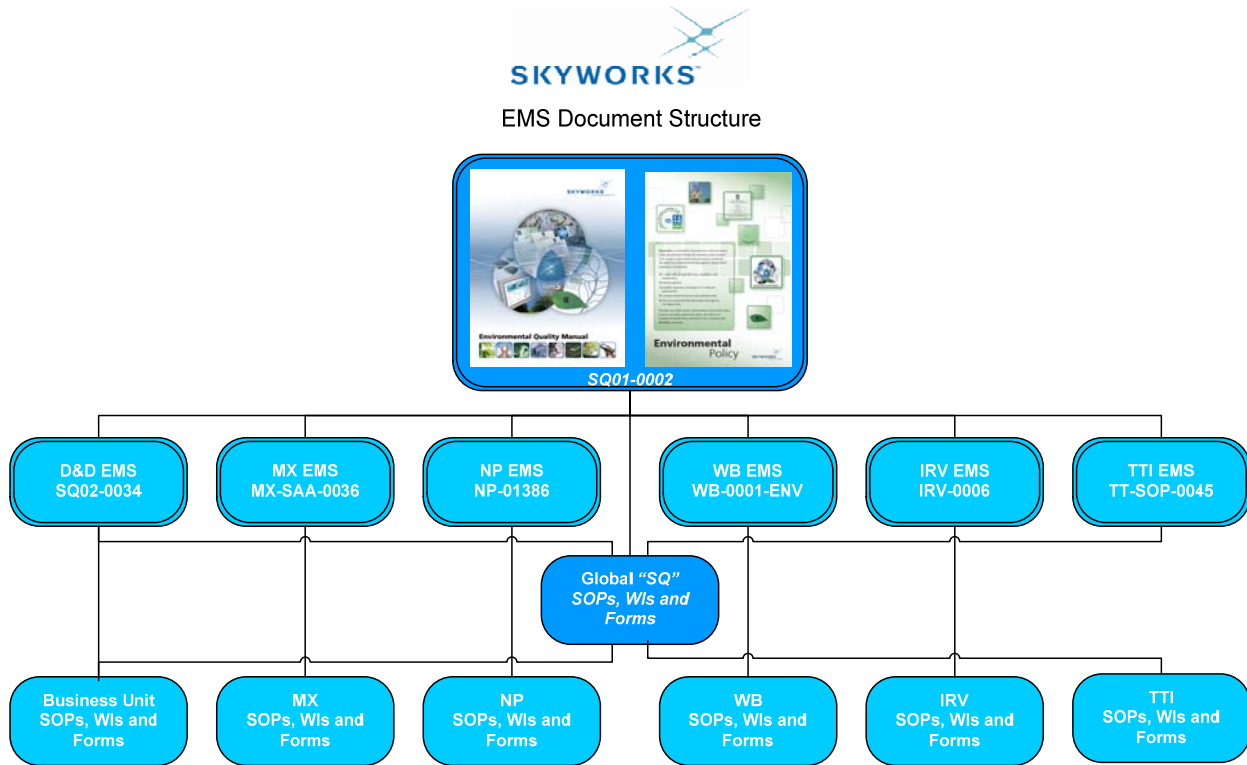
TT-SOP-0045 Trans-Tech Environmental Management System

Business Units

SQ02-0034 Design & Development Environmental Management System

Additional reference documents are identified in specific sections throughout this manual, as applicable to the section.

2.6 EMS Document Structure



3 Skyworks Structure & Responsibility

For the company management structure, refer to the *Skyworks Quality Manual, SQ01-0001*. For "Top Management" structure with respect to the EMS, refer to Section 4.4.1 of this manual.

4 Environmental Management System Requirements

4.1 General Requirements

The requirements of the EMS are described in the whole of section 4. The scope is defined in Section 1.1.

4.2 Skyworks Environmental Policy

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Skyworks is committed to the protection and preservation of the environment through the continuous improvement of its products and manufacturing processes worldwide. We abide by an Environmental Management System (EMS) designed to consistently:

- Comply with all applicable laws, regulations and requirements
- Prevent pollution
- Establish objectives and targets for continuous improvement
- Conserve natural resources and minimize waste
- Promote environmental improvement throughout our supply chain

Through responsible design, development and manufacturing of environmentally preferred products, we reduce our ecological footprint along with that of our customers and ultimately consumers.

4.2.1 Policy Communication

Direct or equivalent translations of the Environmental Policy to foreign languages are approved and available at applicable Skyworks locations.

4.2.1.1 Internal Communication

The following methods are utilized for communication of the Environmental Policy to Skyworks employees:

- Document Control System

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- Skylink (Skyworks intranet site)
- Posters
- Employee badges (see Policy Summary Statement section below)

Additionally, the policy may be communicated via other means as needed, including periodic company meetings, pamphlets, notices, etc...

4.2.1.2 External Communication

The following methods are utilized for communication of the Environmental Policy to other interested parties (ie: customers and the general public):

- Skyworks external website: www.skyworksinc.com
- Skyworks Sustainability Report (non-financial public report)

Other means of communication may be utilized as needed and at the discretion of the Skyworks Environmental Dept. and established Top Management for the EMS.

4.2.1.3 Policy Summary Statement

The following is an approved Environmental Policy summary statement. The summary statement is not intended to substitute the policy, but rather to enhance general communication and awareness of the Skyworks Environmental Policy. The summary statement may be used on badges and other general awareness communication where a shorter statement is needed or preferred.



4.2.2 Product Portfolio Development and Management

Skyworks recognizes that, in addition to the manufacturing and support processes required to build our products, the products themselves may also have impacts to the environment. In recognition of this and in support of the Skyworks Environmental Policy, Skyworks is committed to offering product portfolio to meet customer requirements for regulatory compliant (ie: RoHS) and environmentally preferred products. Identified banned and restricted substances are controlled at the design / development stages as well as in final product manufacturing.

Global Reference Documents

SQ02-0034 – Design & Development Environmental Management System

SQ03-0132 – Green Procurement Supplier Specification

SQ04-0073 – Skyworks Definition of Pb-Free

SQ04-0074 – Skyworks Definition of Green

4.3 Planning

4.3.1 Environmental Aspects

Skyworks maintains defined procedures by which environmental aspects (from business activities that Skyworks can control or which it can be expected to have

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influence) are identified, taking into account planned or new developments, or new or modified activities, products and services where applicable. These procedures act to determine those aspects which have or can have significant impacts on the environment. These “significant aspects” are considered in setting environmental objectives and targets. This information is kept up to date via regular review.

Business Units, because their primary impacts to the environment are involved with product design and development, may include the physical aspects of their operations (eg: electricity consumption, office supplies, etc...) with the lists of aspects generated by the manufacturing facilities at which they are located in order to better focus their BU aspects list on aspects associated with product design / development.

Identified significant environmental aspects are taken into account in establishing, implementing and maintaining the EMS.

Global Reference Documents
SQ03-0140 – Environmental Improvement

4.3.2 Legal and Other Requirements

Skyworks maintains procedures to identify and have access to legal and other requirements to which Skyworks subscribes that are applicable to the identified environmental aspects. These procedures are developed as needed on a site or organization specific basis. These procedures include, but are not limited to: applicable environmental regulations and permits (including permit conditions). Skyworks maintains an Environmental Department whose task it is to identify applicable legal and other requirements utilizing available resources including those listed above. Legal and other requirements are taken into account in the establishment, implementation, and maintenance of the EMS.

4.3.3 Objectives, Targets and Programme(s)

Skyworks maintains documented procedures for the establishment of objectives and targets for environmental improvement and continuous improvement of the EMS. In the establishment of these objectives and targets, the following are taken into account: 1. Legal requirements and other requirements to which Skyworks subscribes, 2. Significant environmental aspects, 3. Technological options, 4. Financial issues, 5. Operational and business requirements, 6. Customer requests / requirements, and 7. Views of interested parties.

All established objectives and targets are measurable, where practicable (environmental performance indicators – EPIs) and are consistent with the Environmental Policy.

In order to achieve established environmental objectives and targets, environmental management programs are established and maintained. These programs include: 1. Designation of responsibility for achieving the objectives and targets, and 2. The means and time frame by which the objectives and targets are to be achieved. Environmental management programs are maintained and amended where necessary to reflect new developments and new or modified activities, products, or services.

Global Reference Documents
SQ03-0140 – Environmental Improvement

4.4 Implementation and Operation

4.4.1 Resources, Roles, Responsibility and Authority

The signatories to this document are responsible for ensuring compliance to the Environmental Quality Manual throughout their respective organizations.

Top management is designated for each Skyworks location and Business Unit by the Operations and Business Unit signatories of this document. That top management ensures conformance to this Environmental Quality Manual at the respective location / Business Unit and provides feedback and information on the status and performance of the EMS to the respective Operations and Business Unit signatories.

Established top management provides resources essential to the implementation and control of the EMS at local levels. Such resources include, but are not limited to human resources and specialized skills, technology, and financial resources.

Top management at all locations and business units appoints the Skyworks Environmental Department as the management representative to ensure EMS requirements are established, implemented, and maintained in accordance with the ISO 14001 standard. The Environmental Department ensures the performance of the EMS is reported to the Top Management for review purposes and as a basis for continuous improvement. Refer to Section 4.6 “Management Review” for more details.

Contractors’ (those working on behalf of Skyworks) are responsible for working in accordance with the Skyworks Environmental Policy and any other specified requirements (while performing work at a Skyworks facility or working on behalf of Skyworks). Contractor responsibilities (environmental) are communicated as follows:

- On site work at a Skyworks facility: Ref. *SQ03-0067 – EHS Contractor Requirement*

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- Work on behalf of Skyworks: Ref. *SQ02-0020 – Supplier Quality Manual* and *SQ03-0138 – Supplier Qualification and Monitoring*

Global Reference Documents

SQ03-0067 – EHS Contractor Requirement

SQ02-0020 – Supplier Quality Manual

SQ03-0138 – Supplier Qualification and Monitoring

4.4.2 Competence, Training and Awareness

Training needs are clearly identified for persons whose work may create a significant impact upon the environment. Procedures are established and maintained to keep employees and persons working on behalf of Skyworks (eg: contractors) at each relevant function and level aware of:

- a) The importance of conforming with the environmental policy and procedures and with the requirements of the site or BU specific environmental management systems;
- b) The significant environmental aspects and associated impacts of their work activities and the environmental benefits from improved personal performance;
- c) Their roles and responsibilities in achieving conformance with the environmental policy and requirements of the EMS including emergency preparedness and response requirements;
- d) The potential consequences of departure from specified operating procedures.

Records of training are maintained.

Global Reference Documents

SQ02-0010 – Competency and Training

4.4.3 Communication

Skyworks effectively communicates between various levels and functions the requirements of the environmental policy and the EMS to all employees as appropriate to their job function. Skyworks also has established methods for receiving, documenting, and responding to relevant communication from external interested parties, such as customers and the general public.

With respect to its significant environmental aspects, they are communicated internally to Skyworks employees. Reference Sec. 4.3.1. Significant aspects are not required to be communicated externally unless for the purposes of training and awareness of persons working on behalf of Skyworks (contractors). Reference Sec. 4.4.2.

Skyworks utilizes a non-financial public report – the Skyworks Sustainability Report – as a means of communication to customers, the public, and interested parties on elements of our Sustainability programs. Sustainability programs

include Environmental, Health & Safety, Labor, Ethics, and Management Systems. The report is available on Skyworks' external website:
<http://www.skyworksin.com/GreenInitiative.aspx>

4.4.4 Documentation

Documents which make up the EMS are maintained detailing the core elements of the environmental programs and their interaction with one another. EMS documents are conformant to this manual and the ISO 14001-2004 standard. Within the EMS documents, appropriate references to all work instructions and associated forms are given.

Documents for effective planning, operation, and control of processes related to significant aspects are maintained in our company document control system and are a part of the overall EMS as defined in Section 1.

4.4.5 Control of Documents

Documents required by this manual, the ISO 14001—2004 standard, and the EMS are maintained according to a Skyworks Document and Data Control Procedure. Documents must be:

- a) Easily located.
- b) Periodically reviewed and revised as necessary and approved for adequacy by appropriate personnel
- c) Current with current revisions available at all necessary locations to ensure effective functioning of the EMS
- d) Controlled such that obsolete documents are promptly removed at all points of use or are appropriately protected against unintended use.
- e) Controlled such that obsolete documents retained for legal or other purposes are appropriately identified.

The established document control procedure defines:

- a) Approval of documents for adequacy prior to issue
- b) Review and update of documents as necessary
- c) Document changes and revision status identification
- d) Method by which relevant versions of documents are available at points of use
- e) Documents are legible and readily identifiable
- f) Method by which external documents are identified and their distribution controlled
- g) Method by which obsolete documents are identified to prevent their unintended use

Global Reference Documents
SQ02-0004 – Document and Data Control

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4.4.6 Operational Control

Skyworks ensures that all operations and activities associated with identified significant environmental aspects are clearly identified. These operations, in line with the policy and established environmental objectives and targets, are performed according to established documented procedures. This is done to cover situations where their absence could lead to deviations from the environmental policy and established objectives and targets. Operating criteria are clearly stipulated.

Where suppliers or contractors may influence the policy or environmental objectives and targets, procedures exist to communicate relevant procedures and require the suppliers and contractors to conform to those procedures.

4.4.7 Emergency Preparedness and Response

Appropriate procedures are maintained to identify the potential for accidents, respond to emergency situations and prevent and mitigate environmental impacts that may be associated with them. These procedures are reviewed and revised where necessary and following the occurrence of accidents or emergency situations. These procedures are periodically tested where practicable to ensure their effectiveness.

4.5 Checking

4.5.1 Monitoring and Measurement

Skyworks maintains procedures to monitor and measure, on a regular basis, the key characteristics of its operations and activities that can have a significant impact on the environment. This includes the recording of information to track performance, relevant operational controls, and conformance with the established objectives and targets. Further, documented procedures are maintained to periodically evaluate compliance with relevant environmental legislation and regulations.

Monitoring equipment required for compliance to regulations or conformance to the Skyworks EQM are calibrated according to an established Skyworks Calibration procedure or manufacturers' recommendations. Depending on the equipment, calibration may be integrated into established (site specific) preventative maintenance procedures.

4.5.2 Evaluation of Compliance

4.5.2.1 At all Skyworks locations and applicable business units, a process for evaluating compliance to applicable environmental legal and regulatory requirements is in place and maintained to ensure alignment to our commitment to comply (as referenced in the Environmental Policy). Records of compliance evaluations, with results, are maintained as needed.

Global Reference Documents

SQ02-0038 – EMS Internal Audit

SQ04-0076 – Design for Environment Checklist

4.5.2.2 In addition to regulatory and legal requirements as referenced above, Skyworks is committed to meeting the expectations of our customers and the communities in which we operate. We encourage environmental / social responsibility awareness and continuous improvement among our suppliers and associates.

Global Reference Documents

SQ03-0138 – Supplier Qualification and Monitoring

SQ03-0132 – Green Procurement Supplier Specification

SQ02-0020 – Supplier Quality Manual

SQ03-0185 – Green Supplier Survey, Customer Survey, and DfE Process

4.5.3 Nonconformity, Corrective Action and Preventative Action

Skyworks keeps and maintains a Continuous Improvement / Corrective & Preventative Action procedure, as a means to ensure a robust system for timely correction of identified nonconformities. Internal Corrective Action Requests (ICAR) and Internal Preventative Action Requests (IPARS) are issued for actual and potential nonconformities to this manual, ISO 14001, or applicable regulatory requirements. Within the ICAR / IPAR system, effectiveness of the corrective / preventative actions taken are evaluated and reviewed.

Global Reference Documents

SQ02-0014 – Continuous Improvement / Corrective & Preventative Action

SQ03-0258 – Internal Corrective / Preventative Action Request Processing

4.5.4 Control of Records

Records are maintained at each manufacturing facility to demonstrate conformance to this Manual and the ISO 14001 standard. These records are maintained according to a Document and Data Control procedure.

Global Reference Documents

SQ02-0004 – Document and Data Control

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4.5.5 Internal Audit

Skyworks keeps and maintains programs and procedures for periodic audits of the EMS at each facility and/or business unit. The audits are designed to determine whether or not the EMS conforms to the requirements of ISO 14001 and if it has been properly implemented and maintained. Results of these audits are presented to the identified top management of the respective facilities and/or business units and records are maintained.

The audit procedures developed at each facility and/or business unit are comprehensive, covering the complete audit procedures, scope, frequency, methodologies, as well as the responsibilities and requirements for conducting audits and reporting results. They include requirements for the selection of auditors and conduct of the audit to ensure objectivity.

Global Reference Documents
SQ02-0038 – EMS Internal Audit

4.6 Management Review

Established top management at each Skyworks manufacturing facility and business unit periodically reviews the status of the EMS to ensure its continuing suitability, adequacy, and effectiveness. Procedures for this review ensure the appropriate and necessary information is collected to allow management to carry out an effective system evaluation. Management review includes:

- Results of internal audits and evaluations of compliance with legal requirements and with other requirements to which Skyworks subscribes (eg: customer requirements)
- Communication(s) from external interested parties, including complaints
- The environmental performance of the organization
- The extent to which objectives and targets have been met
- Status of corrective and preventative actions
- Follow-up actions from previous management reviews
- Changing circumstances including developments in legal and other requirements related to environmental aspects, and
- Recommendations for improvement.

The management review process is documented at each facility and may occur in various forms ensuring each of the above elements are covered.

Global Reference Documents
SQ02-0039 – EMS Management Review

5 Glossary of Terms (Definitions)

EMS	Environmental Management System – Comprised as the EQM and all supporting level I, level II, level III, and level IV documentation at each facility.
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EQM	Environmental Quality Manual
SOP	Standard Operating Procedure

6 Revision History

Rev.	Description of Change	Author	Submit Date
1	Initial release – Replaces NP-M-0009 and elevates to Level I (corporate) status.	Troy Schulze	12/03/03
2	Sec. 2.1: Deleted “sole.” Sec. 2.5: Added SQ02-0014, deleted all Mexicali document references. Added MX-SAA-0036. Sec. 4.2: Added allowance for translation of Env. Policy to foreign languages.	Troy Schulze	7/12/04
3	Sec. 2.5: Deleted WB-0014-ENV (obsolete) Sec. 3: Updated flow chart to include “Linear Products” BU. Sec. 4.2: Added the phrase “or equivalent” to the “Direct translations” allowance for the Env. Policy to foreign languages.	Troy Schulze	4/5/05
4	Complete re-write to: 1. Update to ISO 14001 2004 and 2. Include design and development (BU's) in scope.	Troy Schulze	7/21/05
5	Added “Reference Documents” in specific sections as needed. Added references to “Environmental ICAR/IPAR,” “EMS Management Review,” and “Environmental Internal Audit.” 4.5.5 – Internal Audit – Removed reference to Quality Dept. responsibility.	Troy Schulze	1/31/06
6	Revised signature page 2.5 Reference Documents – Deleted obsolete documents and added WB-0001-ENV. 2.6 EQM Flow Chart – Updated.	Troy Schulze	1/4/07

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	<p>3.0 Skyworks Structure & Responsibility – Updated flow chart. 4.3.2 – Legal and Other Requirements – Added detail that programs are developed on a site specific basis. 4.5.1 – Monitoring and Measurement – Added detail that calibration can be a part of specific PM procedures. 4.5.2 – Evaluation of Compliance – Added “Reference Documents.”</p>		
7	<p>2.6 – Updated EMS Doc. Structure chart 3 – Updated Mgt. team chart 4.2 – NEW Environmental Policy 4.2.1 – NEW policy summary statement</p>	Troy Schulze	9/28/07
8	<p>Cover – Revised signatories 2.6 – Revised flow chart to remove references to LP 3.0 – Removed org. chart and added reference to SQ01-0001 – Quality Manual Removed “LP” references throughout</p>	Troy Schulze	3/6/09
9	<p>Cover – Revised 4.2.1 – Added methods for policy communication – internally and externally 4.4.1 – Added reference to Contractor responsibilities 4.4.3 – Added reference to the Skyworks Sustainability Report 4.5.3 – Added reference to SQ03-0258</p>	Troy Schulze	1/5/10

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