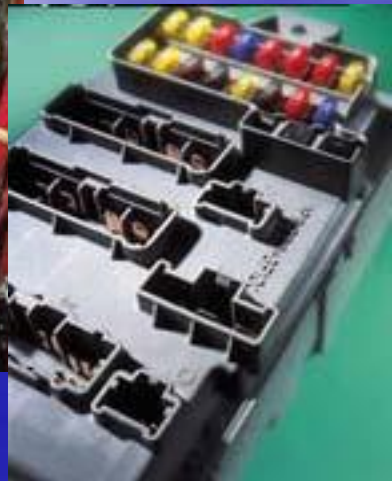




Supplier Manual

Quality, Logistics & Material Control





SEWS "CONNECT WITH THE BEST"

Sumitomo Electric Wiring Systems, Inc.
Supplier Manual
Quality, Logistics and Material Control
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Sumitomo Business Principles

Sumitomo Electric Wiring Systems, Inc. (SEWS) and other companies of the Sumitomo Group share the Sumitomo "Business Principles", which have supported Sumitomo business ethics for over four hundred years. The principles of placing "prime importance on integrity and sound management" and "not pursuing easy gains or acting imprudently" remain valid at all times, and we shall adhere to them always. As for "respecting humanity and attaching importance to technical expertise", it is no exaggeration to say that these values constitute the permanent corporate philosophy of our company. Sumitomo Business Principles have been defined below:

Sumitomo shall:

- Offer the very best goods and services to satisfy customer needs.
- Build technical expertise, realize changes and strive for consistent growth.
- Contribute to creating a better society and environment, with a firm awareness for our social responsibility.
- Maintain high corporate ethics and strive to become a company worthy of society's trust.
- Nurture a lively corporate culture that enables employee self-improvement.

The Sumitomo Spirit

The Sumitomo Spirit grew out of the guiding principles set down by Sumitomo founder Masatomo Sumitomo. These principles have been developed, deepened, and handed down over generations in the Sumitomo family enterprise, and in 1891 were formulated into two business principles that all companies within the Sumitomo group follow today.

Principle 1: Sumitomo shall achieve prosperity based on solid foundation by placing prime importance on integrity and sound management in the conduct of its business.

Principle 2: Sumitomo's business interest must always be in harmony with public interest; Sumitomo shall adapt to good times and bad times but will not pursue immoral business.

MISSION

Our mission is to be the global leader delivering innovative electrical distribution systems that meet the demands of today's ever-changing automotive market.

SEWS VISION

SEWS will continue to pioneer the industry's next generation of tailored, high-performance systems by focusing on the principles that matter most:

- Systems integration and modularization
- Global marketing, technical development and manufacturing
- Advanced product and manufacturing technology
- Developing better manufacturing by developing better people



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Our Quality Pledge

"Quality for a Better Tomorrow" is a commitment made by all members of the SEWS team to our customers, our worldwide markets, and to ourselves. Working as a team, we support this pledge by combining excellence in day-to-day communications with a world-class work ethic and state-of-the-art processes to produce products which consistently meet and exceed our customers' expectations of quality, delivery, and cost.

Importance of Supplier Quality

SEWS is a leading supplier of wiring harnesses, functional components, electronic control units, and connecting components to the automobile industry. We pride ourselves in showing the utmost quality and professionalism to achieve the desired end result. The automotive industry is a dynamic world filled with constant changes as new technology emerges and consumer tastes evolve with the growing number of choices available.

Some of the biggest advances have been made in the field of automotive electronics distribution systems technology. Consequently, the automotive wiring harness has become the lifeblood of the modern automobile. Wiring harnesses produced by SEWS not only act as a power conductor for basic functions, but also for a whole range of new and exciting safety and convenience features. Wiring harnesses, functional components, and electronic control units are composed of many component parts; therefore, quality control of components is essential to assuring superior quality. SEWS' relationship with its supply chain is an integral part of its strategy for continual improvement.

Performance Standard

The basic standard of performance SEWS expects of our suppliers is the same as we demand of ourselves – that is to strive toward zero defects. This must be the goal of each of us to effectively compete in the world market.

SEWS is committed to develop and maintain collaborative relationships with suppliers based on mutual prosperity, excellent communication, and joint problem solving. We value suppliers who are committed to never ending improvement in quality, delivery, and productivity which will mutually benefit the relationship.

SEWS' suppliers are selected based on their ability to provide superior performing products, superior value, superior technologies, superior processes, and superior customer service. Suppliers awarded with SEWS business are expected to meet or exceed the expectations defined in this Manual.



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How to use this Manual

This Manual contains SEWS' requirements for its supply chain.

SEWS expects each of its suppliers to focus on the voice of the customer and risk-based thinking throughout its entire quality management system.

In this Manual, the word "shall" indicates a requirement. The word "should" indicates a recommendation.

The official version of this Manual is located on SEWS' website at www.sewsus.com/suppliers. Any printed copy of the manual is considered uncontrolled. Printed copies will automatically print with "Reference only."

The following requirements, which are available on the SEWS website at www.sewsus.com/suppliers, are incorporated in this Manual and are binding on SEWS' suppliers:

- IMDS/ELV/SoC requirements
- EDI specifications for suppliers
- Labeling requirements, which includes packaging requirements
- Supplier QA manual forms
- eQuote system
- MMOG/LE requirements

The current version of SEWS' Global Terms and Conditions, which is incorporated by reference in every SEWS purchase order, is also available on the SEWS website.



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QUALITY SYSTEM

SEWS' suppliers shall join SEWS in becoming prevention oriented, using the process-based approach to drive continual improvement utilizing the voice of the customer, risk analysis and mitigation, and necessary quality control / quality assurance activities to produce acceptable quality on a continuing basis.

This Manual outlines the general requirements for SEWS' suppliers concerning the quality system used to assure the quality of products supplied to SEWS. SEWS' suppliers shall meet the requirements of this Manual.

SEWS reserves the right to audit **its** suppliers for compliance to SEWS' quality systems requirements. Suppliers that are ISO 9001, ITAF 16949 or VDA 6.3 certified may be exempted from a systems audit at SEWS' discretion based on risk assessments of the supplier.

Top management of each supplier shall establish a quality management system and shall ensure that SEWS requirements are incorporated into the supplier's quality management system.

SEWS will cascade its customers' requirements to its supply chain as applicable.

DELIVERY SYSTEM

SEWS requires that the supplier obtain 100% on-time delivery performance. In the event that 100% on-time delivery cannot be achieved, the supplier shall communicate to SEWS Material Control / Production Control to resolve all issues, in a manner consistent with each purchase order and SEWS' Global Terms and Conditions. On-time Delivery will be monitored as part of the Supplier Scorecard Rating Program.

SEWS suppliers shall comply with MMOG/LE requirements as instructed. SEWS MMOG/LE information can be accessed at www.sewsus.com/suppliers.

SEWS suppliers shall comply with the EDI requirements, located at www.sewsus.com.

SEWS suppliers shall comply with the packaging and labeling requirements maintained at www.sewsus.com/suppliers. Please note that the requirements from SEWS divisions will differ and it is the supplier's responsibility to access the correct requirements, based on the division they are supplying products, materials or services to.



Identification and Traceability

All suppliers to SEWS must implement a traceability system that meets the requirements in accordance with this Manual and applicable government regulations.

The purpose of traceability is to support identification of clear start and stop points for product received by the customer or in the field that may contain quality and/or safety-related nonconformities.

In case of suspected or actual flow-out identified by either the supplier or SEWS, the supplier shall be able to communicate in a timely and accurate manner the suspect range with a clear start point (occurrence that produced a non-conforming part) and clear stop point (applied effective containment), based on their traceability method and documented records.

The traceability method, part identification, and first-in/first-out method (FIFO) are the key components of the supplier traceability system. The requirements for traceability method and identification method of components or materials will be discussed and established at the new project kick-off meeting. Each supplier, including its supply chain, must follow these requirements.

- Traceability Method – the manner and ability to track back the part and subcomponents history (raw materials included).
- Serial number (S/N) traceability- a unique code assigned to identify a part permanently by using a barcode label or barcode direct part marking (DPM) applied on the part.
- Lot traceability- a specified amount of materials or sub-components that is allocated to a particular production size or volume (i.e. production shift, date/s, range, quantity, etc.)
- Part identification – refers to how a supplier and its supply chain identify their parts, which assists in the control of sub-components and materials in the supply chain. Examples of part identification: production date, ship date, barcode labels (1D or 2D), mold #, cavity #, production location, barcode laser etch DPM
- First in / first out (FIFO)- the supplier must have FIFO at their plants and shall confirm its supply chain's FIFO to support and sustain traceability. FIFO must be followed for all materials and sub-components through all production stages and parts completion, until finished goods delivery.

At its discretion, SEWS reserves the right to audit the supplier's traceability system including its supply chain. The supplier and its supply chain will support the traceability audit to confirm procedures, work instructions, processes, and data accuracy.



1.0 Supplier Documentation and Quality Audits

1.1 Quality and Environmental Requirements

1.1.1 Quality Requirements

Supplier quality management system (QMS) development (ref IATF 8.4.2.3)

SEWS' suppliers shall develop, implement, and improve a quality management system (QMS) with the ultimate objective of becoming certified to the IATF 16949 standard.

Unless otherwise authorized by SEWS, a QMS certified to ISO 9001 is the initial minimum acceptance level of development.

Based on the current performance level and risk to SEWS and its customers, the objective for SEWS' suppliers is to progress through the following QMS development progression:

Step 1: certification to ISO 9001 through third-party audits; unless otherwise specified by SEWS, suppliers to SEWS shall demonstrate conformity to ISO 9001 by maintaining a third-party certification, including certification to ISO/IEC 17021 where applicable

Step 2: certification to ISO 9001 with compliance to other customer-defined QMS requirements (such as Minimum Automotive Quality Management System Requirements for Sub-Tier Suppliers [MAQMSR] or equivalent) through second party audits

Step 3: certification to ISO 9001 with compliance to IATF 16949 through second-party audits;

Step 4: certification to 16949 through third-party audits (valid third-party certification of the supplier to IATF 16949 by an IATF recognized certification body).

Note: the minimum acceptance level of QMS development may be compliance to ISO 9001 through second-party audits, if authorized by SEWS.



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1.1.2 Environmental / Regulatory Requirements

1.1.2.1 IMDS/SOC

Suppliers shall conform to the requirements of the International Material Data Systems (IMDS) and submit information about their raw material usage. Suppliers must also monitor and control their processes to assure that there are no sources of contamination that would cause the product sold to SEWS to exceed any of the SoC/ELV elements as indicated in the GADSL and/or Customer requirements, this includes all sub materials that pertain to the product such as inks, markers, additives, etc.

For access to SEWS chemical standard and other environmental procedures and requirements go to; www.sewsus.com/suppliers , and then the IMDS/ELV/SoC requirements section.

Suppliers shall have a standard in place to control, monitor and report GADSL/SoC items to SEWS including as a minimum the following points:

- Responsible department/person for SoC is defined
- There is a list of purchased items, including sub-materials with specific names or internal part numbers controlled and verified by the Supplier, for compliance to GADSL/SoC guidelines
- GADSL/SoC requirements are verified at the feasibility stage of product realization activities
- There is a rule for the control of materials used for maintenance operations to assure SoC substances are not introduced into the process, i.e. Lead Solder, etc.
- Supplier shall have the capability, either internally or externally, to test product supplied to SEWS for the 6 SoC substances; Pb, Cd, Hg, Cr(6), PBB and PBDE.

SEWS requires IMDS and the analysis of SoC substances with PPAP submissions, including change points that would require PPAP resubmission (reference SEWS change point control table). The analysis is either with XRF (for non-metallic parts) or ICP (for metallic parts).

- Control of materials to assure as changes are made to GADSL/SoC requirements, the inventories are exhausted or disposed of to comply with "Sunset Dates" or agreements with SEWS
- Supplier shall specify the type of SoC present upon request from SQA or SoC/ELV Department (ex: type of bromine or Chromium), if applicable verify the exemption that applies to a particular substance and submit a plan to remove the substance if it does not possess an exemption. This may include periodic testing, based on SEWS risk analysis.

If supplier claims the substance identified is not present and further XRF analysis at SEWS conclude the substance to be present, the supplier is subject to an ICP test at a 3rd party research institute at their expense.



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- Annual SoC self-audit utilizing SEWS SoC audit form shall be returned to SEWS SoC/IMDS department

1.1.2.2 Conflict Minerals Reporting

SEWS will comply with the requirements of its customers for conflict minerals reporting. As a general rule, SEWS’ customers are required to comply with the conflict minerals reporting requirements of the Dodd-Frank Act regarding tin, tantalum, tungsten, gold, and their ores originating in the Democratic Republic of Congo and adjoining areas. SEWS requires its supply base to provide any information to SEWS that SEWS requires to comply with its customers’ reporting requirements, including a conflict minerals survey.

1.2 Quality Audits

SEWS and SEWS’ customers may require various audits during the life of each program. SEWS encourages suppliers to strive for continual improvements in their quality systems by using results of these quality audits, with thorough follow-up in areas of concern. When any non-conformance is found during any audit, an improvement plan with implementation status shall be submitted to the auditor. Suppliers should fully understand the audit purpose and contents beforehand and be prepared for the audit. SEWS will provide an audit guideline and expectation for the audit. It is the responsibility of the supplier to perform a pre-audit to confirm compliance to SEWS procedures. Audits are to be performed in compliance to the IATF 16949 requirements, taking into account the cascade of SEWS’ customers’ requirements. The supplier shall make their facilities available to SEWS and SEWS’ customers as needed for auditing purposes. Audit forms will be provided by SEWS as needed.

1.2.1 Potential Supplier Audit

Upon consideration of a potential new supplier, SEWS may perform a systems quality audit at the supplier’s facility prior to acceptance. Suppliers will be provided a copy of the audit format prior to the visit.

1.2.2 Pre-production Audit

Once a supplier is ready for production, a Pre-Production Audit may be performed to validate the processes and quality systems. The Pre-Production Audit is designed to assure all requirements for the start-up of new and/or changed processes are met. This type of audit is to be performed by SEWS’ quality representative(s). The “Pre-Production Audit” may be a self-audit performed by the supplier and results submitted to SEWS’ quality representative(s).

Reasons for conducting a pre-production audit include, but are not limited to

- Start-up of a new component or localization of current component
- Significant process changes, material changes



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- SEWS customer requests
- Tool repair, tool transfer

1.2.3 Mass Production Audit

SEWS’ quality representatives may audit the supplier’s quality systems, verifying the control plans and standards for a part and / or process that the supplier has in current mass production. The supplier will be evaluated using SEWS’ audit format. If the supplier does not meet the minimum score required or there are any areas of concern, the supplier shall be required to submit corrective actions with evidence of the improvements. SEWS’ quality representative will decide whether to accept the improvement documentation to close the audit or to schedule a follow-up audit for verification.

1.2.4 Continual Improvement audit system. This can include self-audits and surveys.

Periodic or quality assurance confirmation audits may be performed as a proactive measure in assuring realization of quality, delivery, and program growth expectations. This audit will focus on change points and technical / process improvements.

2.0 Part / Production Documentation

2.1 Initial Part Approval Process

SEWS requires that all suppliers shall submit a Level 3 PPAP for new components. PPAPs shall be submitted using the AIAG or SEWS customer guidelines and format. Refer to the current version of the AIAG Manual to assure full compliance with PPAP requirements. PPAP documentation shall be submitted by the due date given by SEWS’ quality representative. PPAP approval must be given before the supplier ships mass production level parts. SEWS reserves the right to waive AIAG PPAP requirements in lieu of specified documentation to meet SEWS and SEWS’ customers’ requirements. Note: The waiver to submit a PPAP at a level other than Level 3 does not relieve the supplier of the obligation to maintain full PPAP documentation in accordance with AIAG PPAP manual. If a supplier cannot meet any of the PPAP requirements, the supplier must request a waiver from SEWS. SEWS’ quality representative will evaluate and approve or reject the waiver request based on SEWS’ and SEWS’ Customer’s guidelines.

In addition to AIAG PPAP requirements, SEWS requires the following:

- Inspection results – dimensional (ISIR form)

Single / Multiple Cavity Tool

A 100% dimensional layout on all dimensions called out on the Sumitomo drawing.
Parts used for the layout must be clearly identified as the measurement samples.

When identified, suppliers will be required to complete dimensional studies to the SEWS internal-issued drawing and / or the customer-issued drawing. Requirements for the customer-issued drawings include but are not limited to:



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- Process capability studies (PPK / CPK) on specified dimensions
- Capability studies for functional testing on all areas identified on the drawing
- Capability studies for functional testing identified as critical by SEWS.

Dimensional studies completed to the customer drawing must meet all requirements, functionally and dimensionally.

The supplier’s PPAP shall also include the following documentation:

- Submission of material requirements in accordance with SEWS North America EU Chemical Standard. For details, please reference IMDS/ELV/SoC Requirements document in SEWS’ website at www.sewsus.com/suppliers.
- Packaging Specifications
- IMDS – International Material Data System (Reporting System)

2.2 Prototype Tools and Components

To ensure that quality is maintained for prototype tools and components, suppliers must adhere to the general prototype requirements provided by SEWS prior to or at kick-off meetings.

2.3 Advanced Product Quality Planning

The quality requirements for new components will be discussed and established at the new project kick-off meeting.

2.4 Mass Production Parts

The supplier must meet the following requirements for mass production parts:

All SEWS’ customer-specified requirements must be met in addition to all IATF16949 / CSR requirements (ex: annual layouts, CQIs).

Lot retention samples will be established on a part-by-part basis, including first and last shots.

Control plans shall identify SEWS-designated CPK dimensions and functional requirements to be verified at the start and end of each run.

Any changes made after initial PPAP approval will require AIPP submission and a resubmission of the PPAP. SEWS shall be notified of any internal process changes that could affect product quality using the AIPP form. SEWS will determine which level of PPAP has to be submitted based on the change made. See section 2.5 for more details on change point requirements.



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2.5 Change Points Mass Production

2.5.1 Advanced Notification of Initial Production Parts

Initial notification of a change must be submitted 90 days in advance of planned implementation via an Advanced Notification of Initial Production Parts (AIPP – CORP-QA-7.4.3.2-06) to all ship-to locations. To see the AIPP – CORP-QA-7.4.3.2-06 document, go to <http://www.sewsus.com/suppliers>. This form will be used as the means of communication between SEWS and the supplier whenever there is a proposed change to the mass production component or the mass production operation.

The changes include but are not limited to:

- Design changes
- Raw material changes (supplier / grade)
- Assembly changes including location changes
- Process changes including location changes
- Packaging changes to include box type or quantity
- Additional tools

For a detailed description of change point control requirements, see “SQAM change point control items verification and notification requirements” document. Each SEWS division will notify the supplier of any additional documentation requirements. To see the SQAM change point control items verification and notification requirements document, go to <http://www.sewsus.com/supplier>.

2.5.2 Label Requirement for Initial Production Parts of a change point

For a PPAP that is submitted for components that are undergoing a change point (i.e. replacement tooling, supplier change, additional tooling), upon approval of the PPAP the first shipment of new components will be identified with an Initial Production Parts tag. This IPP tag will reference a SEWS internally-issued number that will be assigned to that particular component PPAP. Failure to do so will result in a rejection of the first shipment of new components and a PIR issued against the supplier. If SEWS determines that an IPP tag is not necessary, SEWS’ quality representative will notify the supplier.



2.6 Deviations for Non-Conforming Parts

Suppliers are fully responsible to ensure that all products shipped to SEWS conform to all applicable specifications and drawings. When a specification or drawing cannot be met, the supplier must apply for a deviation using the deviation request sheet (CORP-QA-7.4.3.2-07). However, the supplier must be able to provide evidence that one or more of the following criteria apply:

- Part must comply with all finished goods PPAP requirements of SEWS' customers.
- Non-conformity cannot be corrected even if the material, mold or die is changed or reworked.
- Rework or change to mold/die would result in an interruption to SEWS' assembly process or delivery process.
- The deviation does not affect fit, form, function, or safety.

Under no circumstance will it be acceptable to ship nonconforming parts to SEWS without prior written approval from SEWS.

Types of Deviation

A. Limited Quantity

A limited quantity deviation limits the quantity of non-conforming parts to be used and will be applied when a certain amount of non-conforming parts are needed urgently to support SEWS production.

B. Limited Period

A limited period deviation limits the period during which non-conforming parts may be used.

C. Lifetime

Lifetime deviation is a permanent deviation for specific mold or dies and is approved only under special circumstances.

To request a deviation for characteristics designated on a SEWS drawing or specification, the supplier shall submit a deviation request sheet, applicable supporting data and samples. In the case of multiple production tooling, samples will be required from each mold or cavity affected. Quantity for samples and test requirements will be specified by SEWS.

SEWS will provide a disposition of each deviation request and will notify the supplier. The supplier shall not deliver the non-conforming parts without written approval from SEWS.

SEWS will notify supplier of any special identification requirements for shipments of deviated parts.



3 Problem Resolution

3.1 Problem Improvement Request

Whenever SEWS finds a problem or defect with mass production parts from any supplier, SEWS will evaluate the severity of actual defect samples and/or other reject documents to make a determination of the actions the supplier will be required to take.

3.1.1 Problem Improvement Request (PIR) / Quality Concern Report (QCR)

A PIR or QCR will be issued to the supplier by SEWS. The supplier shall examine the facts to determine the suspect range and the cause(s) for the defect occurrence and flow-out. The supplier shall implement an appropriate countermeasure for each.

3.2 Initial Response

Supplier is required to provide an initial response to SEWS within 24 hours. Initial response shall include containment activities, details for certification of good product, sort and rework plans, and the investigation proceedings.

Containment reporting shall include quantity of suspect parts in inventory and in transit, sorting / rework authorization number (if required), return material authorization number (RMA), picture of certification tag.

Failure to provide sort / rework authorization number does not absolve the supplier of the responsibility for containment / sort cost.

3.3 Sort and Rework Requirements

If sort and rework activities are required, the supplier is responsible to designate a representative to be on site within 24 hours of notification for supervision and administration activities. It is recommended by SEWS that the supplier coordinate all sort activities.

SEWS will hold final approval of all sort and rework plans.

3.4 Countermeasure Response

The supplier shall submit a countermeasure response and evidence of the implemented action to SEWS within 14 days of the date the PIR was issued, unless otherwise specified by SEWS. It is the responsibility of the supplier to request an extension if timing cannot be met.

The countermeasure response shall include a root cause analysis and a final corrective action and plan.

The root cause analysis shall provide details on how the defect occurred and why the flow-out of the defect was not detected.

The final corrective action plans shall provide detailed information to ensure the nonconformity does not recur.



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If PFMEA / control plan are updated due to actions taken, updated PFMEA / control plan must be submitted with countermeasure response.

Identification of countermeasure parts

- The supplier is required to identify each container of temporary countermeasure parts stating parts certified on what date and for what non-conformance. These tags should appear on all containers until the permanent countermeasure is implemented.
- The supplier shall place a PIR C/M label on the first 3 shipments of permanent countermeasure parts. This will notify SEWS' Receiving Inspection to take appropriate actions to verify the countermeasure.

3.5 Controlled Shipping

When necessary or designated by the OEM or SEWS customer, SEWS' suppliers will adhere to SEWS' customers specific levels of controlled shipments.

4 Supplier Rating

Suppliers will receive a monthly rating report in the areas of Quality, Delivery, Purchasing and Management performance. It is the expectation of SEWS that suppliers maintain a score of 90 -100

The monthly scoring is as follows:

90-100

Supplier meets expectations of SEWS.

80-89

Supplier mostly meets the expectations of SEWS; however, improvements may be required. Should the scoring remain at this level for a consistent time period, SEWS may visit the supplier to conduct a general process audit and investigate the root cause of problems contributing to the reduced rating.

70-79

Supplier does not meet expectations of SEWS. SEWS may arrange a process audit with the supplier. Any findings from the process audit will require immediate corrective actions.

Below 70

Supplier does not meet expectations of SEWS and is in jeopardy of being de-sourced. The supplier may be placed on new business hold at the discretion of SEWS.

SEWS will determine whether the supplier has opportunity for improvement or whether it is the best interest of SEWS to begin preparations for future termination of any or all transactions between SEWS and the supplier.



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Suppliers who have scores in any individual section (Quality, Cost, or Delivery) which have been deemed by SEWS to be below satisfactory standards may be subject to additional corrective action requests, audits, and de-sourcing discussions in addition to those outlined above.

4.1 Focus Suppliers

Suppliers with recurring quality, delivery, or management problems, suppliers that fail to respond to Problem Improvement Requests, system improvement requests, or suppliers that pose a significant risk to SEWS' business may be selected as a "Focus Supplier".

Suppliers in this category will be required to develop improvement plans and attend meetings at a SEWS facility to present their plans. The frequency (weekly, bi-weekly, monthly, etc.) and means (telephone, face-to-face, etc.) will be decided by SEWS and communicated to the supplier. Suppliers with ongoing quality-related problems may be placed on "Special Containment," which will require 30 days of defect-free shipments prior to stopping the special inspection. Inspection results must be provided to SEWS during this time.

5 Relation to Purchase Order

Supplier acknowledges and agrees that the requirements of this Manual, as it may be amended, shall become part of, and shall be incorporated by reference in any purchase order issued by SEWS to the supplier. This Manual supplements each purchase order and does not relieve the Supplier of any obligations that arise from a purchase order or from SEWS' Global Terms and Conditions for Suppliers that is an integral part of each purchase order. By signing the Supplier Commitment Form (CORP-QA-7.4.3.2-02), Supplier acknowledges that it has read this Manual.



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SUPPLIER COMMITMENT FORM

	Senior / Executive Manager 管理職	SALES 営業	QUALITY 品質	ENGINEERING 技術	MANUFACTURING 製造
NAME					
TITLE					
PHONE					
FAX					
CELL					
E-MAIL					

RECEIPT AND ACKNOWLEDGEMENT OF SUPPLIER

The undersigned supplier acknowledges receipt of the Supplier Quality Manual of Sumitomo Electric Wiring Systems, Inc. ("SEWS") and agrees that, for good and valuable consideration, it will comply with all the terms, conditions, and requirements of the SEWS Supplier Quality Manual.

Print Name of Supplier

Print Name of Authorized Representative

Signature of Authorized Representative

Date Signed

**THIS FORM MUST BE RETURNED
WITHIN 2 WEEKS OF RECIEPT**

This form can be accessed at www.sewsus.com



Revision History

<u>Revision Level</u>	<u>Date</u>	<u>Revision History</u>
0-3	8/21/1995	Previous Revisions
4	4/28/1997	Re-issue of complete manual. Suppliers to destroy old version. Addition of delivery standard. Addition of System Audit. Addition of Pre-Production Audit. Revised Supplier Rating System to include delivery rating. Addition of revision record.
5	7/1/2000	Revision of PIR Procedure
6	7/31/2002	Re-issue of manual
7	1/10/2003	Addition of requirements (per end customer) for IMDS
8	10/30/2003	Format and Grammar. Revised PIR procedure. Revised Sort and Rework requirements. Revised PPAP expectations. Revised General Procedures. Revised Registration Requirements. Added organizational chart. Added SEWS Business Principles. Revised audit guidelines and procedures
9	12/15/2005	Revised monetary values. Revised organization chart. Added requirements for IPP Tag. Updated PPAP requirements. Updated Mass Production requirements. Updated IMDS requirements. Added bar code requirements. Added tool transfer requirements. Updated PPAP requirements. Added confirmation audit. Updated supplier rating for quality.
10	3/5/2007	Revised Supplier Rating and monthly scoring.
11	9/29/2008	Addition of MP Audit check sheet. Addition of N+3 audit check sheet, addition of MPR requirements. Addition of W/H PIR process flow, revised Quality and Environmental requirements. Revised PPAP requirements. Deleted Org Chart. Deleted general tooling guidelines.
12	03/14/2012	REMOVED: "Quality Systems Audit", "Countermeasure Audit", "Quality Assurance Confirmation Audit", "N+3 Audit" UPDATED: Quality and Environmental Requirements, Notice of Responsible Person of Quality Assurance, PPAP Requirements, Tool Transfer Approvals / Localizations, Mass Product Parts, Deviations for Non-conforming Parts, Lifetime Deviations, Defect Notification Report, Problem Improvement Request (PIR) / Quality Concern Report (QCR) / Abnormality Report (ABR), Sort and Rework Requirements, Countermeasure Response, Supplier Rating, Relation to Purchase Order ADDED: Conflict Materials Requirements, Potential Supplier Audit, PK Audit, Defect Notification Report, Initial Response, Focus Suppliers
13	6/19/14	Added requirements for TS16949 compliance (Sub-Tier Requirements) Added new requirements for IMDS/SoC/Conflict Minerals reporting Added revised requirement for annual layout Added section for Components Division specific requirements
14	3/30/18	Revise to comply with ISO 9001-15 / IATF 16949-16 and CSR requirements, MMOG/LE requirements. Addition of hyperlinks for requirements, Revise the name of the supplier manual