

Sonoco Alcore Quality Manual

Content

Page

0	Foreword	3
1	Change History	3
2	Quality Policy Europe	4
3	Scope	5
4	Process Sonoco Alcore Europe	6
5	Compatibility of our Products with Customer Expectations	7
6	List of Mandatory Documents	8

0. Foreword

In this Quality Manual the Quality System of Sonoco Alcore Europe is described. A common understanding of the quality methods in all our plants is therefore achieved to ensure that all quality related processes, rules and procedures are set out in clear, precise and understandable terms.

The documentation of the quality management system includes:

- documented procedures required by the standard ISO 9001:2008
- documents ensuring the effective implementation of the processes
- creation and maintenance of the "documented procedures"

The quality manual serves as:

- A guide for the internal work in all Sonoco Alcore plants
- The basis for internal audits
- Information for our customers

1. Change History

Chapter	Change	Date	Issue No.
All	First Edition of the European Quality Manual	04-03-2013	1
3 5	Amend scope Better define the interaction between the processes of the QMS	08-03-2013	2

2. Quality Policy Europe

Sonoco Alcore intends to be the customer-preferred provider of packaging solutions supplied to selected value-added segments, where the company expects to be either number one or two in market share.

This will be achieved by fully understanding our customer's requirements and translating these into products using our design tools and extensive knowledge base.

People build businesses. The sound management of our people, results in employee and customer satisfaction and a favourable return to our shareholders. Our commitment to excellence, integrity, environmental stewardship and safety are, and will continue to be, the hallmarks of our culture."

The Senior Sonoco Alcore Management Team and all its employees are committed to the quality of our products and stated Quality Objectives;

We will maintain a Quality Management System to meet requirements of the ISO9001:2008 standard;

The Policy is implemented by all our employees through information, education and training;

We will continually improve the effectiveness of our Management System and Quality Objectives and empower our employees to achieve success in both individual performance and teamwork;

This Quality Policy is regularly communicated to our employees and reviewed by the Senior Management Team for continuing suitability;

We will maintain a safe and profitable operation to establish our competitive position in the market and reward our stakeholders

Adam Wood
VP ICD/Paper Europe

3. Scope

In this Quality Manual Sonoco Alcore Europe describes the organizational and technical measures to implement, maintain and develop their quality management system.

The Quality Manual can be used by external parties to determine our ability to meet

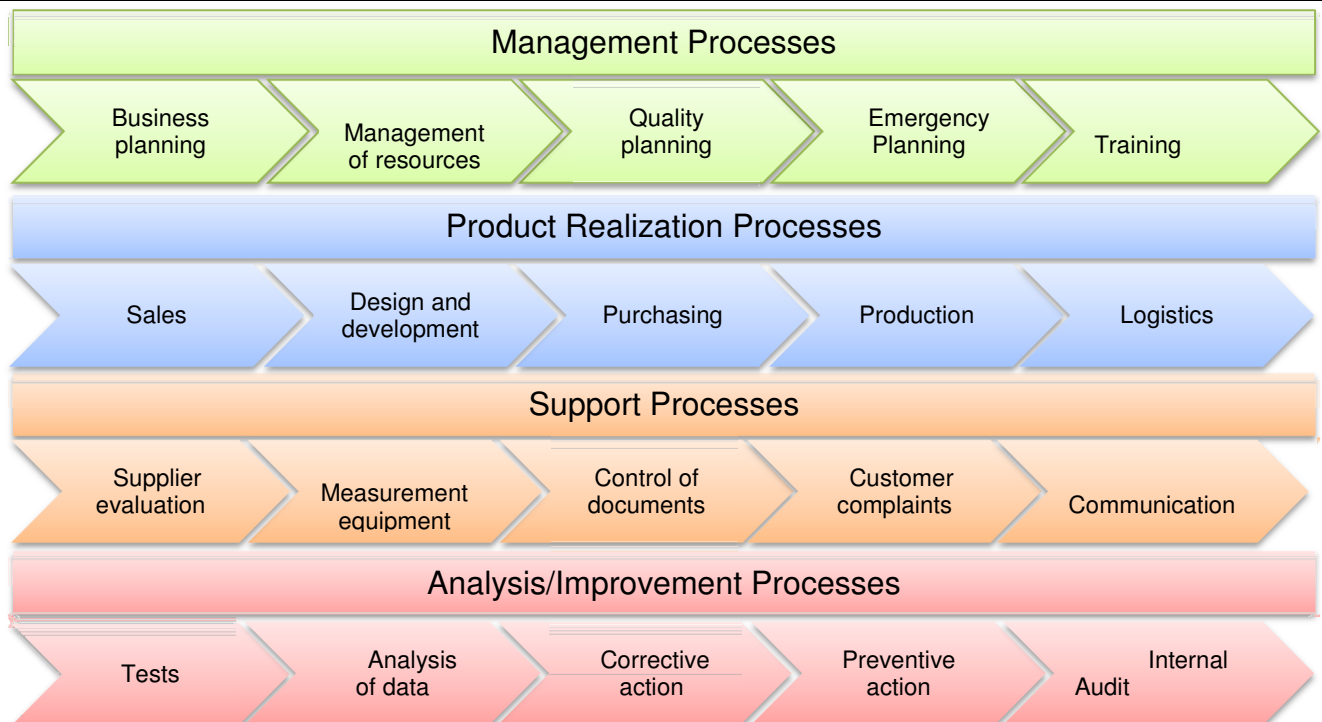
- the needs of our customers
- laws and regulatory requirements
- the business objectives

The formal scope of our business activity is the design and manufacture of cylindrical paperboard tubes for textile, film, paper convertors and associated trades. There are no exclusions from the standard.

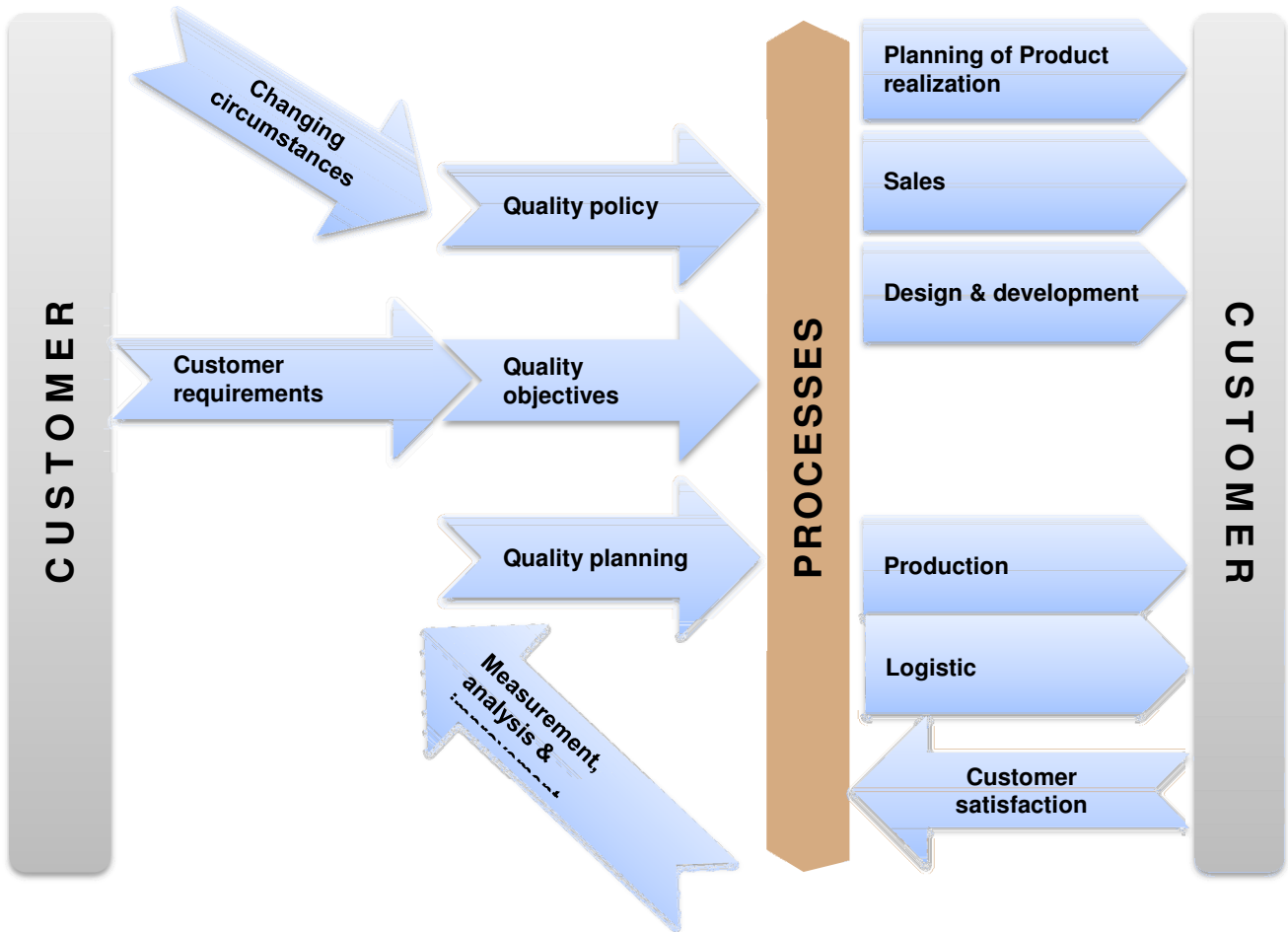
Basic quality control measures specified in this Quality Manual and the applicable documents are binding on all employees of Sonoco Alcore Europe. The measures will be centrally managed by the European Quality Manager.

Regardless of these basic measures processes and activities can be handled differently in each plant according to local structures, However, compliance with ISO 9001:2008 and this Quality Manual remains essential.

4. Process Sonoco Alcore Europe



5. Compatibility of our Products with Customer Expectations



6. List of Mandatory Documented Procedures

Quality Map	Documented Procedure	ISO Paragraph
QM 4.2.3	Control of Documents	4.2.3
QM 4.2.4	Control of Records	4.2.4
QM 5.6	Management Review	5.6
QM 6.2.2	Competence and Training	6.2.2
QM 7.2.1	Customer Related Processes	7.2.1
QM 7.4	Purchasing	7.4
QM 8.2.1	Complaint Management	8.2.1
QM 8.2.4	Monitoring and Measurement of Product	8.2.4
QM 8.2.2	Internal Audit	8.2.2
QM 8.3	Control of Non-Conforming Product	8.3
QM 8.5.2	Corrective Actions	8.5.2
QM 8.5.3	Preventive Actions	8.5.3

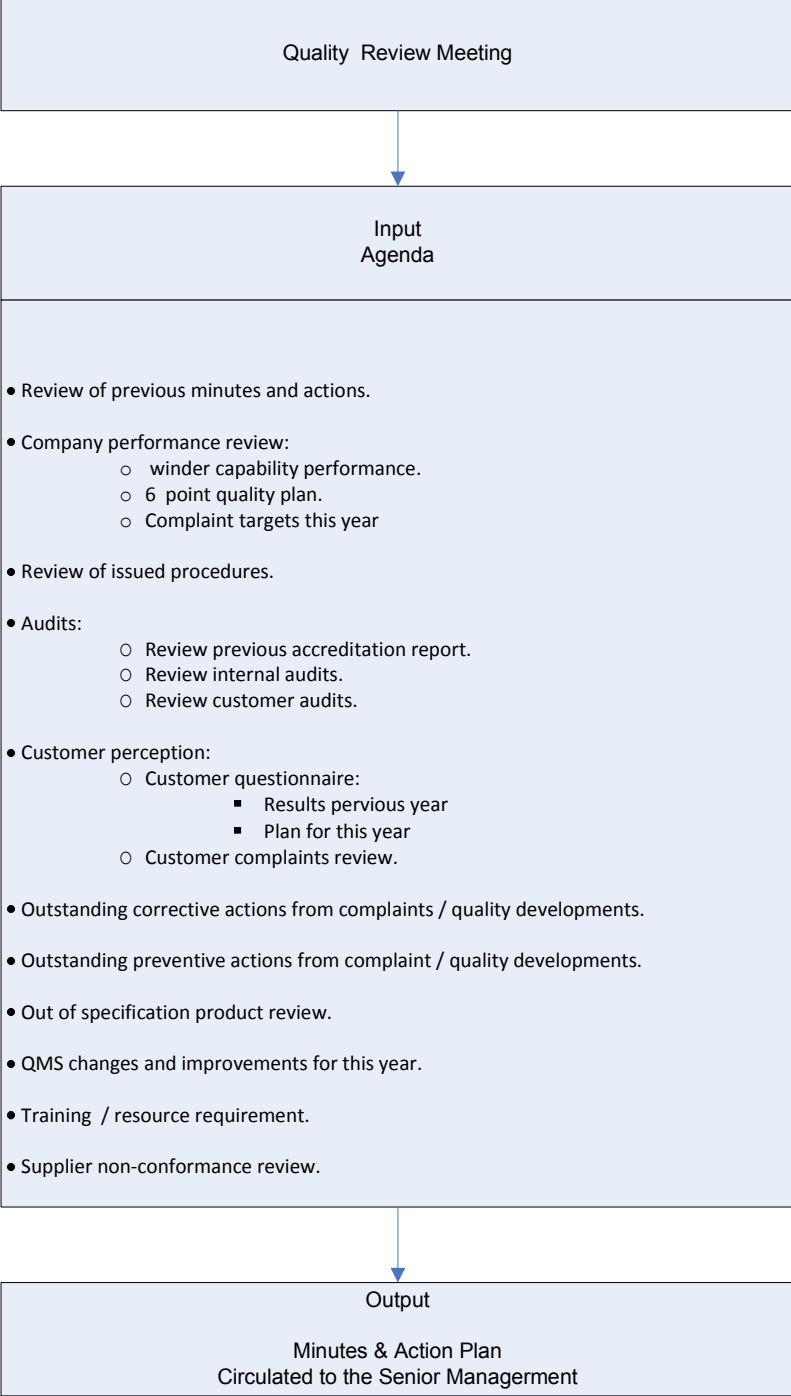
Process Flow	Action Owner	Documents
<pre> graph TD A[New Quality Document] --> B[Check Document 1. Adequacy 2. Conformity with the expectations of the customer 3. Standard requirements and corporate goals 4. Legal requirements] B --> C[Document reviewed and verified] C --> D[Release Document with unique document reference supplied] D --> E[Register Documents 'list of released documents'] F[External documents] --> G[Distribute Document and dispose of old version] E --> G G --> H[Document Review at every 2 year] H --> I{Update necessary?} I -- Yes --> B I -- No --> J([Process end]) </pre>	<p>Local Documents: Plant Quality approval by Regional Quality Manager</p> <p>Region Documents: Regional Quality Manager approval by Quality Manager Europe</p> <p>European Documents: Quality manager Europe approval</p>	<p>Sharepoint</p>

Issue Date	04-03-2012	Issue No:	1	Supersedes	New	Ref. Clause	4.2.3
Approved by: Reinier Vink				Written by: Mike & Reinier		Controlled Document	

Process Flow	Action Owner	Documents
<pre> graph TD A[Record] --> B["Purchase Invoices Purchase Orders Equipment Inspections Equipment Manuals Training Records Quality Review Audit Taxation Documents Customer Complaints Production / Quality Data Customer satisfaction survey"] B --> C["Storage of Records (Safe & Secure)"] C --> D["Disposal after Storage (safe & Secure)"] D --> E([Process Stop]) </pre>	<p>Departmental Manager</p>	<p>Copy of records</p> <p>Regional Document List</p> <p>Regional Document List</p>

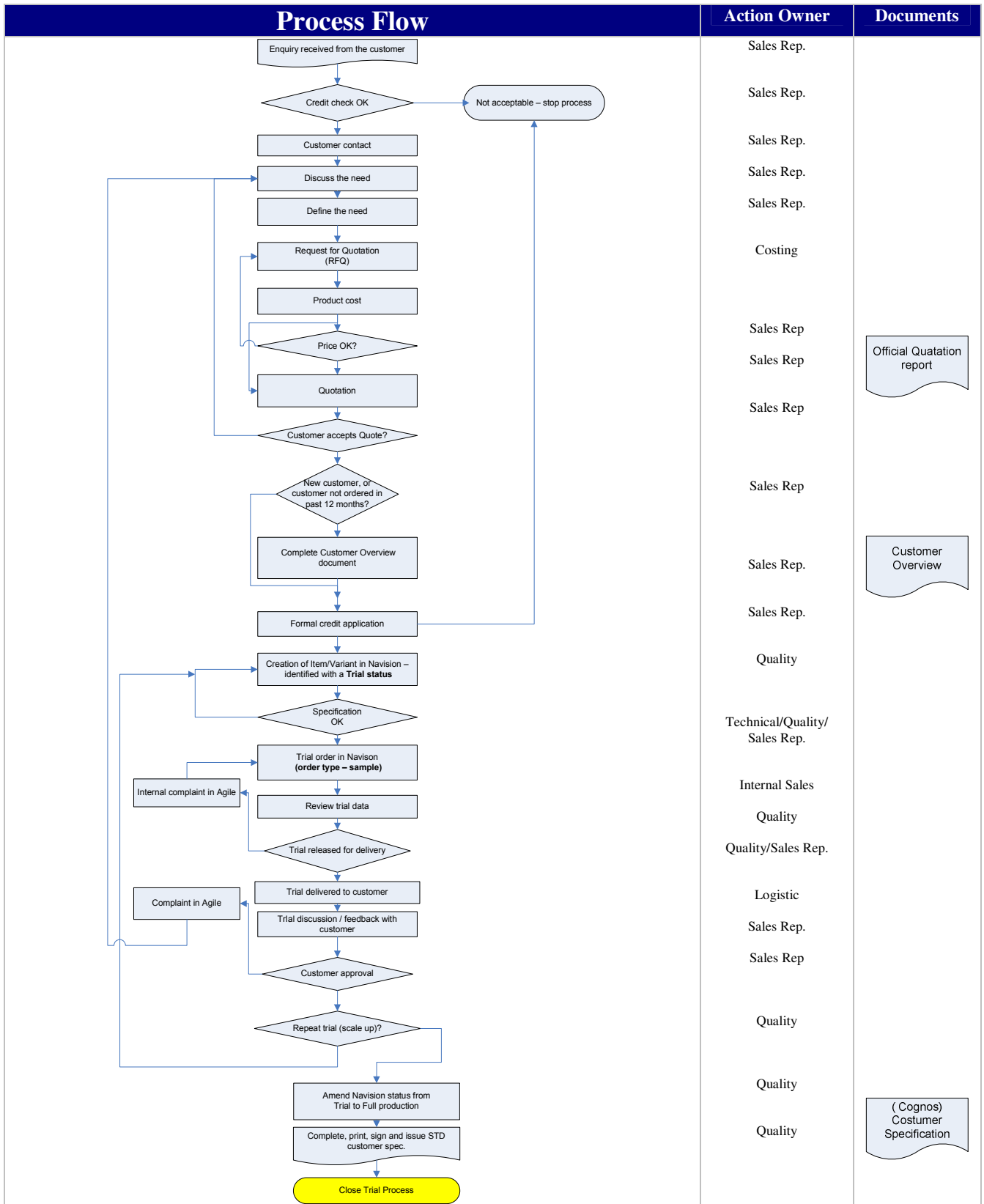
Change History	Date	Issue No.
Retained documents list re-defined and disposal control updated	08-03-2013	2

Issue Date	08-03-2013	Issue No:	2	Supersedes	New	Ref. Clause	4.2.4.
Approved by: Reinier Vink				Written by: Mike & Reinier		Controlled Document	

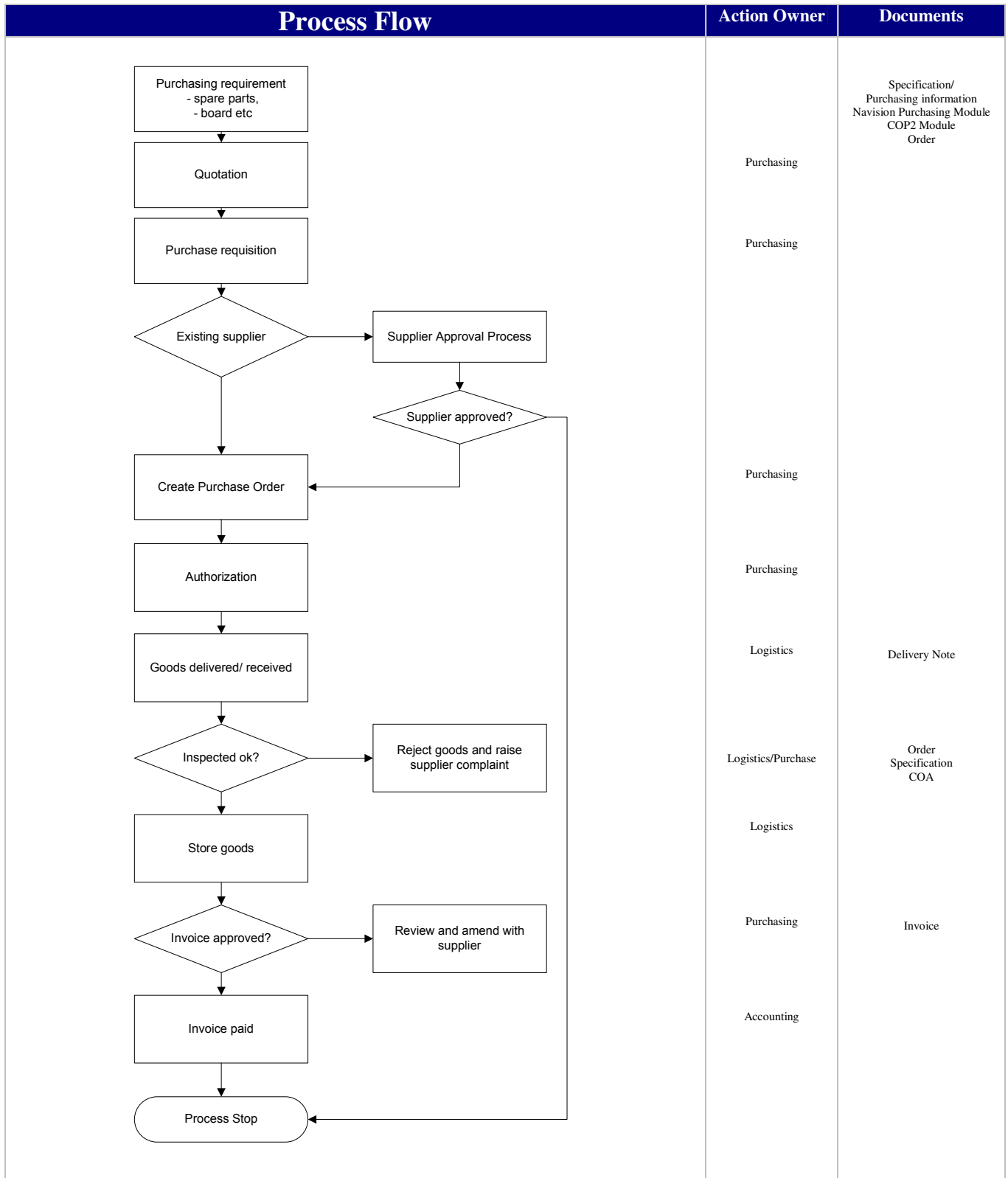
Process Flow	Action Owner	Documents
 <p style="text-align: center;">Quality Review Meeting</p> <p style="text-align: center;">↓</p> <p style="text-align: center;">Input Agenda</p> <ul style="list-style-type: none"> • Review of previous minutes and actions. • Company performance review: <ul style="list-style-type: none"> ○ winder capability performance. ○ 6 point quality plan. ○ Complaint targets this year • Review of issued procedures. • Audits: <ul style="list-style-type: none"> ○ Review previous accreditation report. ○ Review internal audits. ○ Review customer audits. • Customer perception: <ul style="list-style-type: none"> ○ Customer questionnaire: <ul style="list-style-type: none"> ■ Results pervious year ■ Plan for this year ○ Customer complaints review. • Outstanding corrective actions from complaints / quality developments. • Outstanding preventive actions from complaint / quality developments. • Out of specification product review. • QMS changes and improvements for this year. • Training / resource requirement. • Supplier non-conformance review. <p style="text-align: center;">↓</p> <p style="text-align: center;">Output</p> <p style="text-align: center;">Minutes & Action Plan Circulated to the Senior Management</p>	<p style="text-align: center;">Plant manager</p> <p style="text-align: center;">Plant manager</p>	<p style="text-align: center;">Agenda / Minutes</p> <p style="text-align: center;">Minutes</p>

Issue Date	04-03-2013	Issue No:	1	Supersedes	New	Ref. Clause	5.6
Approved by: Reinier Vink				Written by: Reinier & Mike		Controlled Document	

Process Flow	Action Owner	Documents
	Plant Management	Induction and Training Pack
	Plant Management	
	Departmental Manager	
	Departmental Manager	
	Departmental Manager	Training Record
	Departmental Manager	
	Departmental Manager	
	Departmental Manager	

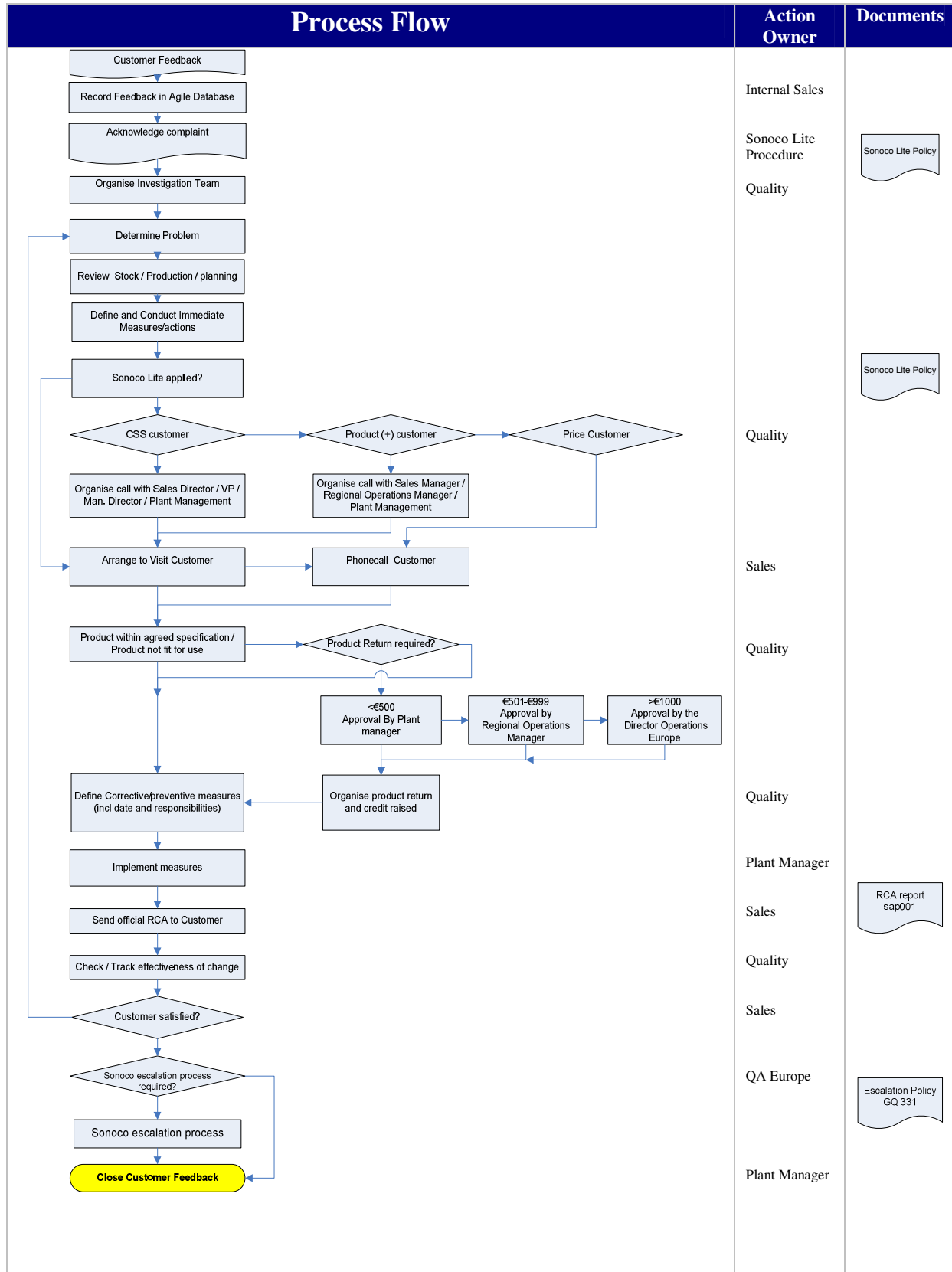


Issue Date	04-03-2013	Issue No:	1	Supersedes	New	Ref. Clause	7.2.1
Approved by: Reinier Vink				Written by: Mike / Reinier		Controlled Document	



Change History	Date	Issue No.
Additional purchasing information and authorization	08-03-2013	2

Issue Date	08-03-2013	Issue No:	2	Supersedes	New	Ref. Clause	7.4.
Approved by: Reinier Vink				Written by: Mike & Reinier		Controlled Document	

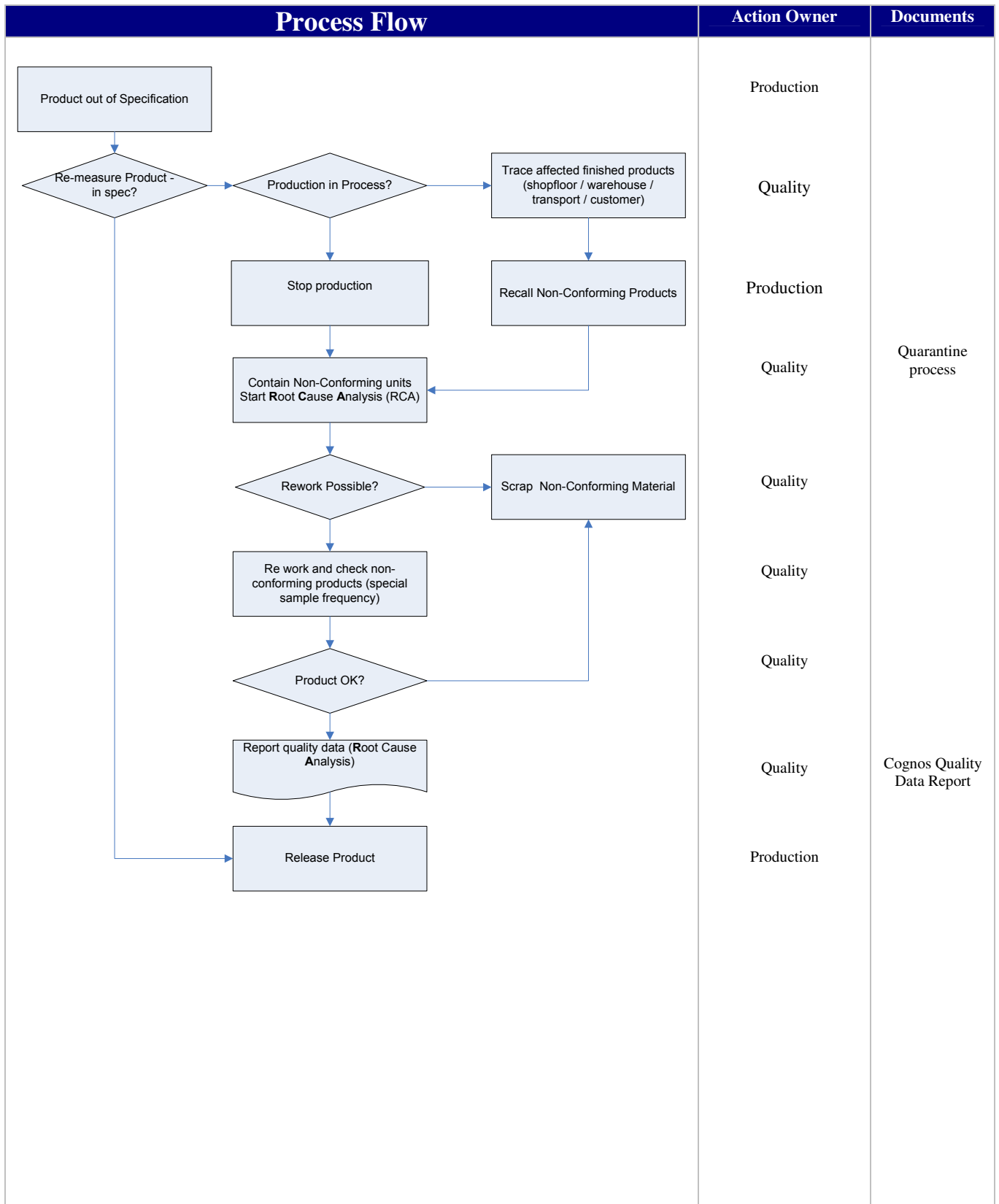


Issue Date	04-03-2013	Issue No:	1	Supersedes	New	Ref. Clause	8.2.1
Approved by: Reinier Vink				Written by: Mike and Reinier		Controlled Document	

Process Flow	Action Owner	Documents
<pre> graph TD Product[Product] --> QP[Quality plan for all items and Variants in Quality Module] QP --> CMP[Core manufacturing process] CMP --> Test[Conduct test to all quality plan criteria and record the results in the QM check entry table] Test --> DR[Data Review] DR --> Daily[Daily Create error report from QM check entries Discuss the quality items in the production meeting Define Corrective actions / preventive actions Evaluate previous corrective actions] DR --> Monthly[Monthly As required by customer, statistically review quality data for the delivered finished product.] DR --> Yearly[Yearly As required] Daily --> PE([Process end]) Monthly --> PE Yearly --> PE </pre>	<p>Quality</p> <p>Production</p> <p>Production</p> <p>Quality</p>	<p>Quality Module Navision</p> <p>Navision</p> <p>Quality Module Navision</p> <p>Cognos</p> <p>Cognos</p>

Process Flow	Action Owner	Documents
<pre> graph TD A[Create Audit Plan] --> B[Plant Audit confirmed and date agreed] B --> C[Review previous audit findings] C --> D[Execute Audit] D --> E[Non Conformity] D --> F[Finding / Observation] E --> G[Corrective action plan agreed] G --> H[Audit Closure Meeting] F --> I[No Observation] I --> H H --> J[Audit report / score] J --> K[Corrective actions by the plant with agreed timescales] K --> L{Review effectiveness} L --> M[Audit Complete] L --> K M --> N[Annual Management Review] N --> A </pre>	<p>Regional Quality Manager</p> <p>Audit Team</p> <p>Audit Team</p> <p>Audit Team</p> <p>Audit Team</p> <p>Audit Team</p> <p>Audit Team</p> <p>Audit Team</p> <p>Plant Manager</p> <p>Regional Quality Manager</p> <p>Quality Manager Europe</p>	<p>Audit Document</p> <p>Corrective actions Document</p> <p>Audit Document</p> <p>Audit Document</p> <p>Corrective actions Document</p> <p>Management Review Document</p>

Control of Non-Conforming Product



Corrective Actions

Process Flow	Action Owner	Documents
<p>Product out of specification * Production Quality Check * Supplier Non-Conformance * Audit * Customer Feedback</p>	Production	
<p>Root Cause Clear?</p>	Quality	
<p>Eliminate Root Cause</p>	Quality	
<p>Record Root Cause & Corrective Actions</p>	Quality	
<p>Check finished product</p>	Production	
<p>Track Corrective action to ensure effectiveness</p>	Production	
<p>Corrective Action Effective?</p>	Quality	
<p>End of Process</p>		
<p>Determine Root Cause</p>	Quality	
<p>Define Corrective Actions</p>	Quality	
<p>Conduct Corrective Actions</p>	Quality	

Process Flow	Action Owner	Documents
<pre> graph TD A[Preventive Actions] --> B[Quality checks on produced products] B --> C[Plant & Equipment is scheduled for preventive maintenance] C --> D[Calibration of measurement equipment is scheduled] D --> E[Continuous Improvements: - Customer Audits - Internal Audits - Customer Perception - Service Level (POM) - Quality Review meetings - Quality Objectives - Training - Other ongoing improvements - Supplier evaluation - Change Management] E --> F[Record results of conducted measures] F --> G[Evaluate effectiveness of measures based on quality records and customer feedback] G --> H[Review Of Effectiveness] H --> I[Quality review meetings] I --> A </pre>	<p>Production</p> <p>Engineering</p> <p>Quality</p> <p>Plant Management</p> <p>Plant Management</p> <p>Quality</p> <p>Quality</p>	<p>Navision</p> <p>Maintenance schedule</p> <p>Calibration Schedule</p>

Issue Date	03-03-2013	Issue No:	1	Supersedes	New	Ref. Clause	8.5.3
Approved by: Reinier Vink				Written by: Reinier & Mike		Controlled Document	