### **QUALITY MANUAL**

Unit 2

Desborough Industrial Park

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## **QUALITY MANUAL**

### **MANUAL IDENTIFICATION**

| Issued to       |
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| Title           |
|                 |
|                 |
|                 |
|                 |
| Signed:         |
| Quality Manager |

Copy Number:.....of.....

## **QUALITY MANUAL**

### **REVISION AND AMENDMENT REGISTER**

| DATE | PAGE<br>NUMBER | PROCEDURE<br>NUMBER | REVISION DETAILS | ISSUE NUMBER |
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#### **QUALITY MANUAL**

#### **FOREWORD**

This Quality Manual is the means by which Interpak Limited (the 'Organisation') satisfies the requirements of its customers, particularly with regard to management responsibility.

The Organisation is obliged to ensure that its Quality Policy is fully and completely understood by its employees, and that its procedures are implemented and maintained at all times. This Quality Manual is in accordance with the requirements of **ISO 9001 : 2015**. All of the components of the Quality Management System shall be periodically and systematically reviewed by both internal and external Quality Audit procedures.

The Quality Manager, appointed by the Organisation's Directors, are responsible for the control of all matters relating to the implementation of these procedures.

The assurance of quality is fundamental to all the work undertaken by the Organisation. All personnel at every level in the Organisation's structure shall practise the procedures established.

The potential benefits to the Organisation of implementing this Quality Management System are:

- 1. The ability to consistently provide products and services that meet customer and applicable statutory and regulatory requirements
- 2. Facilitating opportunities to enhance customer satisfaction
- 3. Addressing risks and opportunities associated with its context and objectives
- 4. The ability to demonstrate conformity to specified Quality Management System requirements.

The principles upon which this Quality Management System is based, as described in ISO 9000: 2015, are:

- 1. Customer focus
- 2. Leadership
- 3. Engagement of people
- 4. Process approach
- 5. Improvement
- 6. Evidence-based decision making
- 7. Relationship management.

#### **QUALITY MANUAL**

#### **PROFILE**

Interpak are designers and manufacturers of High Performance Stratocell foam packs and also composite packs. We design packs to ensure your products can be shipped safely around the globe - no matter how sensitive they may be.

Polyurethane Foam is the ideal packaging product as it has a good memory and will protect your product from knocks and scrapes. We offer a complete package from the initial concept and design - through our In-House production facilities.

We build High Quality Aluminium Flight Cases in our premises to any size - for the ultimate safe pack. With Interpak - your products will be in safe hands. We can work from sketches , samples or any electronic form of drawings to design your packs.

We also carry a range of General Packaging Materials such as Bubblewrap, cartons, tapes etc. for general packaging requirements.

With over 30 years' experience in our field - we will be well equipped to deal with your enquiry

#### **QUALITY MANUAL**

#### **QUALITY POLICY**

Interpak Limited (the 'Organisation') aims to provide defect free products and services to its customers on time and within budget.

The Organisation operates a Quality Management System that has gained ISO 9001 : 2015 certification, including aspects specific to its scope of certification.

The management is committed to:

- 1. Develop and improve the Quality Management System
- 2. Continually improve the effectiveness of the Quality Management System
- 3. The enhancement of customer satisfaction.

The management has a continuing commitment to:

- 1. Ensure that customer needs and expectations are determined and fulfilled with the aim of achieving customer satisfaction
- 2. Communicate throughout the Organisation the importance of meeting customer needs and all relevant statutory and regulatory requirements
- 3. Establish the Quality Policy and to set Quality Objectives at relevant functions, levels and processes
- 4. Ensure that the Management Reviews set and review the Quality Objectives, and report on the internal audit results as a means of monitoring and measuring the processes and the effectiveness of the Quality Management System
- 5. Ensure the availability of resources.

The structure of the Quality Management System is defined in this Quality Manual.

All personnel understand the requirements of this Quality Policy and abide with the contents of the Quality Manual. The Organisation complies with all relevant statutory and regulatory requirements. The Organisation constantly monitors its quality performance and implements improvements when appropriate.

This Quality Policy is regularly reviewed in order to ensure its continuing suitability.

Copies of the Quality Policy are made available to all members of staff and to relevant interested parties. Copies of the minutes of Management Reviews, or extracts thereof, are provided to individual members of staff in accordance with their role and responsibilities as a means of communicating the effectiveness of the Quality Management System.

| Date of Issue:       | Signed:     |
|----------------------|-------------|
| Date of Next Review: | Print Name: |

#### **QUALITY MANUAL**

#### 1 - SCOPE

The scope of the Organisation's certification is defined within the Quality Policy and is recorded on the ISO 9001 Certificate. As a minimum this Quality Manual addresses all requirements for conformance with ISO 9001: 2015 in pursuit of any activities falling within the scope of its certification.

#### The defined scope of certification is design, manufacture and supply of packaging materials.

This Quality Manual demonstrates the Organisation's:

- 1. Ability to consistently provide products and services that meet customer and applicable statutory and regulatory requirements
- 2. Ability to determine both the external and internal contexts in which it operates and shall monitor and review the issues which arise
- 3. Aims to identify the needs and expectations of interested parties
- 4. Aims to enhance customer satisfaction through the effective application of the Quality Management System, including processes for improvement of the System and the assurance of conformity to customer and applicable statutory and regulatory requirements.

Whenever any requirement(s) of this International Standard cannot be applied they are deemed to be not applicable. The rationale for all such exclusions is clearly set out in this Quality Manual.

The following sections do not apply to the Organisation's business activities:

#### 7.1.5 – Monitoring and measuring resources

Such inapplicabilities do not affect the Organisation's ability, or responsibility, to provide products and services that meet customer and applicable statutory and regulatory requirements.

### **QUALITY MANUAL**

#### 2 - NORMATIVE REFERENCES

At the time that this Quality Manual was prepared the entire fundamentals and vocabulary relating and applied to ISO 9001: 2015 are set out in the document titled:

ISO 9000 : 2015, Quality Management Systems — Fundamentals and Vocabulary.

Parties to agreements based on ISO 9001: 2015 are encouraged to adopt the amendments contained in any subsequent editions of the International Standard that may be published. Members of ISO and IEC maintain registers of currently valid International Standards.

#### **QUALITY MANUAL**

#### 3 - TERMS AND DEFINITIONS

The International Organisation for Standardisation (ISO) has defined 138 terms for use in Quality Management Systems and these can be found in ISO 9000 : 2015 - Quality Management Systems — Fundamentals and Vocabulary. The following, however, may be helpful:

A management system is a 'set of interrelated or interacting elements of an organisation to establish policies and objectives, and processes to achieve those objectives'.

An **objective** is a 'result to be achieved'.

A **product** is the 'the output of an organisation that can be produced without any transaction taking place between the organisation and the customer'.

A **service** is the 'the output of an organisation with at least one activity necessarily performed between the organisation and the customer'.

A **customer** is a 'person or organisation that could or does receive a product or a service that is intended for or required by this person or organisation'.

A provider (alternatively known as a supplier) is an 'organisation that provides a product or service'.

A **process** is 'a set of interrelated or interacting activities that use inputs to deliver an intended result'. In simple terms, what you do to get something.

A procedure is 'a specified way to carry out an activity or process'.

A document is 'information and the medium on which it is contained'.

A record is a 'document stating results achieved or providing evidence of activities performed'.

**Documented information** is 'information required to be controlled and maintained by an organisation and the medium on which it is contained'.

**Context of the organisation** is a 'combination of internal and external issues that can have an effect on an organisation's approach to developing and achieving its objectives'.

**Interested party** is 'a person or organisation that can affect, be affected by, or perceive itself to be affected by a decision or activity'.

#### **QUALITY MANUAL**

### 3 - TERMS AND DEFINITIONS (continued)

**Improvement** is 'activity to enhance performance'.

**Non-conformity** is 'non-fulfilment of a requirement'.

Corrective action is 'action to eliminate the cause of a non-conformity and to prevent recurrence'.

**Preventive action** is 'action to eliminate the cause of a potential non-conformity or other potential undesirable situation'.

Risk is the 'effect of uncertainty'.

A **Quality Plan** is a 'specification of the procedures and associated resources to be applied when and by whom to a specific object'.

An **Audit** is a 'systematic, independent and documented process for obtaining objective evidence and evaluating it objectively to determine the extent to which the audit criteria are fulfilled'.

Quotation marks on this page denote direct quotations from ISO 9000: 2015.

## **QUALITY MANUAL**

| 4.1                           | Understanding the Organisation and its context   |
|-------------------------------|--|
| Summary<br>of<br>Requirements | The Organisation is to determine both the external and internal contexts in which it operates and shall monitor and review the issues which arise. |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | The Organisation's external context has been evaluated and documented, taking into account such factors as: |
|    | The social and cultural environment   |
|    | 2. The political environment  |
|    | 3. The legal and regulatory environment   |
|    | 4. The market environment   |
|    | 5. The technological environment  |
|    | 6. The economic environment   |
|    | 7. The natural environment  |
|    | 8. The competitive environment  |
|    | 9. The geographical scope of each environment   |
|    | 10. Key drivers and trends.   |
| 2. | These may include some or all of the following aspects:   |
|    | Contractual arrangements  |
|    | 2. Legislation, i.e. employment law, data protection, Health & Safety requirements                          |
|    | 3. Specific Regulations within the industry   |
|    | 4. Market competition   |
|    | 5. Overall economic climate in the UK   |
|    | 6. Environmental requirements affecting products and service  |
|    | 7. Technological advances within the industry   |
|    | 8. Standardisation and certification within the industry  |
|    | 9. Relationships with external interested parties; e.g. customers, suppliers                                |
|    | 10. Perceptions/values of external interested parties   |
|    | 11. External inspections/audits   |
|    | 12. Competitors ceasing trading providing opportunity   |
|    | 13. Availability of raw materials   |
|    | 14. Availability of external providers.   |

## **QUALITY MANUAL**

| 4.1 | Understanding the Organisation and its context (continued)   |
|-----|--|
| 3.  | The Organisation's internal context, within which it seeks to achieve its objectives, has been evaluated and documented, taking into account such factors as:  |
|     | <ol> <li>Governance</li> <li>Organisational structure, roles and accountabilities</li> <li>Policies, objectives and the strategies that are in place to achieve them</li> <li>Capabilities, in terms of resources and knowledge</li> <li>Information systems, information flows and decision-making processes</li> <li>Organisational culture</li> <li>Standards, guidelines and models</li> <li>Contractual relationships.</li> </ol>   |
| 4.  | These may include some or all the following aspects:  1. Structure and roles within the organisation 2. Availability of reliable, qualified and competent workforce 3. Stability of workforce including retention of staff 4. Staff training levels and assessment of competency 5. Effective internal communication 6. Governance, Policies, objectives 7. Resources 8. Knowledge 9. Decision making processes 10. Root cause analysis abilities 11. Improvement tools and abilities to apply 12. Co-operation of workforce 13. Business continuity considerations. |
| 5.  | The external and internal context is reviewed at least annually and the documentation updated accordingly.   |

## **QUALITY MANUAL**

| 4.2                           | Understanding the needs and expectations of interested parties  |
|-------------------------------|---|
| Summary<br>of<br>Requirements | The Organisation shall determine its relevant interested parties, along with their requirements with regard to the Quality Management System. |

|    | STATEMENT/PROCEDURE  |
|----|--|
| 1. | The interested parties that are relevant to the Quality Management System are defined as:  |
|    | <ol> <li>Customers, i.e. competitive pricing, reliability of service and value-added service</li> <li>Employees, i.e. shared culture, workplace attitudes and employment security</li> <li>Providers, i.e. supply chain management and relationships</li> <li>Management, i.e. communication and meetings</li> <li>External Audit parties</li> <li>Neighbouring businesses.</li> </ol> |
| 2. | The significant requirements of these interested parties include:  1. The consistent provision of products and services which meet customer requirements 2. The continual enhancement of customer satisfaction 3. A safe and pleasant working environment 4. Adherence to legal and regulatory requirements.   |

## **QUALITY MANUAL**

| 4.3          | Determining the scope of the Quality Management System   |
|--------------|--|
| Summary      | The scope of the Quality Management System shall be determined and documented using:  a) The context of the Organisation |
| Requirements | b) The requirements of relevant interested parties   |
|              | c) The Organisation's products and services.   |

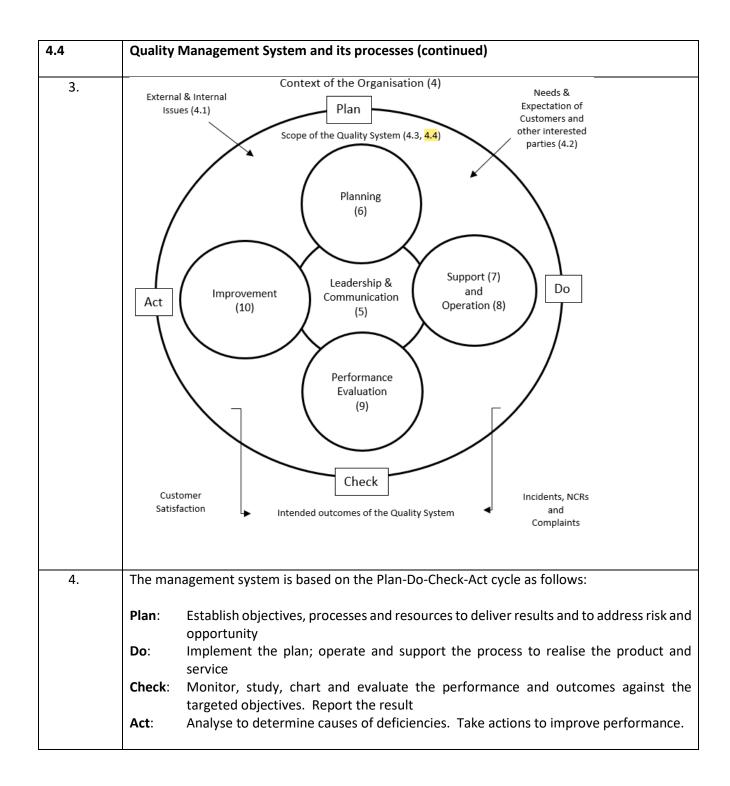
|    | STATEMENT/PROCEDURE  |
|----|--|
| 1. | Taking into account the output from Sections 4.1 and 4.2 above, along with the products and services offered by the Organisation, management ensures that this Quality Manual includes:  |
|    | The defined scope of the Quality Management System with any non-applicable clauses identified and justified  |
|    | <ol> <li>Documented procedures or reference to them within other documents</li> <li>A description of the interaction of processes.</li> </ol>  |
| 2. | Effective implementation of the Quality Management System is monitored on an informal basis, as part of the Organisation's day-to-day operations.  |
| 3. | The Quality Manager deals with instances when the Quality Management System is not correctly implemented.  |
| 4. | Persistent breaches of the Quality Management System are dealt with in accordance with the Organisation's disciplinary procedures.   |
| 5. | Such breaches are taken into account when reviewing:   |
|    | <ol> <li>The overall operation of the Organisation's Quality Management System</li> <li>The Quality Manual, to ensure that it is up to date and accurately reflects the working practices of the Organisation</li> <li>Staff training requirements.</li> </ol> |
| 6. | The Organisation has determined its scope of certification. This is included in Section 1 (Scope), of this manual, and is recorded on the ISO Certificate.   |

## **QUALITY MANUAL**

| 4.4                           | Quality Management System and its processes  |
|-------------------------------|--|
| 4.4.1                         |  |
| Summary<br>of<br>Requirements | The Organisation shall fully establish and operate a Quality Management System in accordance with the requirements of the International Standard, including the determination of required processes and their application throughout the Organisation. |
| 4.4.2                         |  |
| Summary<br>of<br>Requirements | The Organisation shall document its processes and maintain sufficient documented information to provide evidence that the processes and associated operations are being carried out.   |

|    | STATEMENT/PROCEDURE  |
|----|--|
| 1. | As part of the implementation of this Quality Management System, the Organisation has identified and documented in this Manual:  |
|    | <ol> <li>The processes needed for the Quality Management System</li> <li>The sequence and interaction of these processes</li> <li>The criteria and methods used to ensure the effective operation and control of these processes, including responsibilities and authorities</li> <li>The means to ensure the availability of the resources and the information necessary to support the operation, monitoring and continual improvement of these processes</li> <li>The risks and opportunities as determined in accordance with the requirements of Section 6.1</li> <li>The processes used to measure where applicable, monitor and analyse these processes and implement action necessary to achieve planned results and monitor continual improvement.</li> </ol> |
| 2. | As part of the Management Review process, the Organisation reviews the Quality Management System and, when required, makes changes in order to ensure that it continues to meet management requirements and market conditions.   |

#### **QUALITY MANUAL**



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| 5.1                           | Leadership and commitment  |
|-------------------------------|--|
| 5.1.1                         | Leadership and commitment for the Quality Management System  |
| Summary<br>of<br>Requirements | Top management shall demonstrate its leadership and commitment with regard to the Quality Management System by:  a) Defining quality related responsibilities  b) Ensuring the implementation of the Quality Management System and its integration into the Organisation's business processes  c) Ensuring that the customer's quality requirements are reflected in the products and services provided.  Clear evidence of top management's commitment to the Quality Management System, including its development and improvement, must be made available. |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | The Quality Policy includes a commitment from management to develop and improve the Quality Management System by:         |
|    | Communicating throughout the Organisation the importance of meeting customers' requirements                               |
|    | 2. Communicating throughout the Organisation the importance of meeting all relevant statutory and regulatory requirements |
|    | 3. Establishing the Quality Policy and its Objectives   |
|    | 4. Promoting improvement  |
|    | 5. Conducting Management Reviews  |
|    | 6. Ensuring the availability of resources.  |
| 2. | Management also commits to:   |
|    | Promote the use of risk-based thinking  |
|    | 2. Ensure that the Quality Management System performs as intended   |
|    | 3. Support other relevant management roles with regard to their delegated responsibilities.                               |

# **QUALITY MANUAL**

| 5.1                           | Leadership and commitment (continued)   |
|-------------------------------|---|
| 5.1.2                         | Customer focus  |
| Summary<br>of<br>Requirements | Top management shall ensure that the Organisation:  a) Understands and meets its customer and compliance requirements  b) Determines the risks and opportunities with regard to product and service conformity, and customer satisfaction.  c) Focuses on continual improvement in customer satisfaction. |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | Customer focus is ensured by the implementation of the contract review processes set out in Section 8.2.2 (Determination of requirements for products and services).                  |
| 2. | Feedback from customer monitoring as described in Section 9.1.2 of this Manual is reviewed during Management Review.  |
| 3. | The risks and opportunities that can affect conformity of products and services and the ability to enhance customer satisfaction are determined and addressed as part of Section 6.1. |

## **QUALITY MANUAL**

| 5.2                           | Policy   |
|-------------------------------|--|
| 5.2.1                         | Establishing the Quality Policy  |
| Summary<br>of<br>Requirements | Top management is to create and implement a Quality Policy that:  a) Takes into account the purpose and context of the Organisation  b) Supports the strategic direction of the Organisation  c) Provides a suitable framework for the setting of Quality Objectives  d) Commits top management to satisfy applicable requirements  e) Commits top management to continual improvement of the Quality Management System. |
| 5.2.2                         | Communicating the Quality Policy   |
| Summary<br>of<br>Requirements | The Quality Policy shall be:  a) Documented and made available to all interested parties  b) Communicated, understood and implemented throughout the Organisation.   |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | The Organisation's Quality Policy is documented earlier in this Quality Manual and fulfils the requirements summarised above.   |
| 2. | In order to provide evidence of the Organisation's commitment to the Quality Policy, it is regularly reviewed and any changes are approved as part of the formal Management Review proceedings. These reviews and all approved changes are recorded in the minutes of the Management Reviews.                             |
| 3. | Copies of the Quality Policy are made available to all members of staff. Copies of the minutes of Management Reviews, or extracts thereof, are provided to individual members of staff in accordance with their role and responsibilities as a means of communicating the effectiveness of the Quality Management System. |
| 4. | Copies of the Quality Policy are made available to relevant interested parties, where considered appropriate to do so.  |

## **QUALITY MANUAL**

| 5.3                           | Organisational roles, responsibilities and authorities  |
|-------------------------------|---|
| Summary<br>of<br>Requirements | Top management shall ensure that the responsibilities and authorities for roles within the Quality Management System are defined and understood throughout the Organisation |

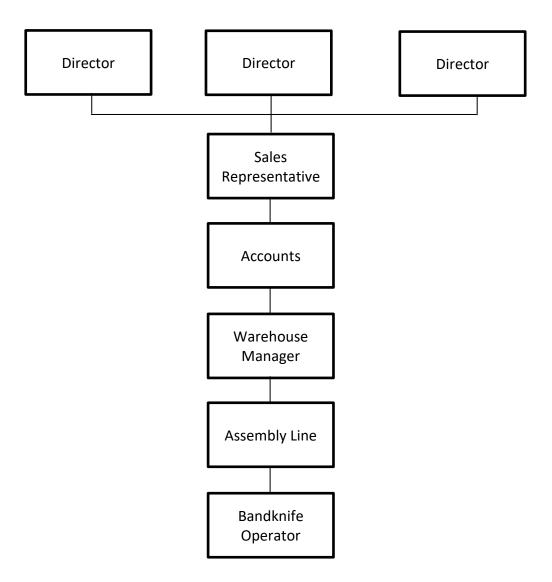
|    | STATEMENT/PROCEDURE  |
|----|--|
| 1. | Responsibilities and authorities, together with the job title of those responsible for communicating them throughout the Organisation, are documented in the Quality Structure Chart.  |
| 2. | <ol> <li>The Directors ensure that, at all times, a nominated member of staff, referred to in this Manual as the Quality Manager, has responsibility for:</li> <li>Ensuring that the Quality Management System accurately reflects the requirements of the International Standard</li> <li>Ensuring that all processes deliver their intended results</li> <li>Providing reports on the performance of the Quality Management System and reporting opportunities for improvement back to Top Management</li> <li>Prioritising customer focus</li> <li>Evaluating and implementing planned changes to the Quality Management System.</li> </ol> |

### **QUALITY MANUAL**

#### 5 - LEADERSHIP

| 5.3 | Organisational roles, responsibilities and authorities (continued) |
|-----|--|
|     |  |

### **Quality Management Organisation Chart**



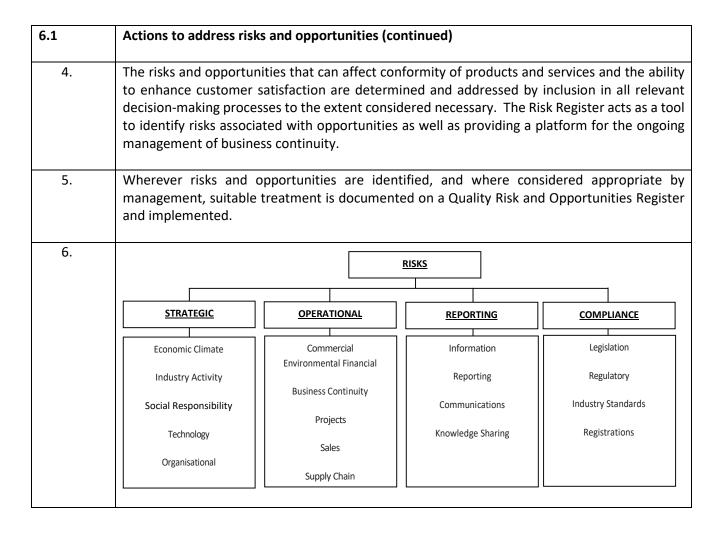
This table establishes responsibilities within the Quality Management System and does not necessarily portray other management responsibilities.

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| 6.1                           | Actions to address risks and opportunities   |
|-------------------------------|--|
| 6.1.1                         |  |
| Summary<br>of<br>Requirements | The Organisation shall consider the context of the Organisation and the requirements of interested parties in order to define all relevant risks and opportunities associated with the operation of the Quality Management System. |
| 6.1.2                         |  |
| Summary<br>of<br>Requirements | The Organisation shall:  a) Take appropriate actions to address the risks and opportunities  b) Integrate and implement those actions throughout the Quality Management System  c) Evaluate the effectiveness of those actions.    |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | Quality Management System planning forms part of the Management Review process described in Section 9.3.  |
| 2. | The Organisation holds regular management and operational review meetings to set and monitor the quality related objectives, ensuring that risks and opportunities are included as part of this process to the extent considered necessary. The management team reviews the Quality System in order to ensure that it addresses all relevant processes and verification requirements. |
| 3. | Processes that are necessary to facilitate the service provided, are determined, planned and implemented in accordance with the relevant procedures described in Section 8.1 of this Manual. The effectiveness of the documented procedures is subject to regular Management Review and revisions/improvements are made as necessary.   |

#### **QUALITY MANUAL**



## **QUALITY MANUAL**

| 6.2                           | Quality objectives and planning to achieve them   |
|-------------------------------|---|
| 6.2.1                         |   |
| Summary<br>of<br>Requirements | The Organisation shall establish Quality Objectives at relevant functions, levels and processes throughout the scope of the Quality Management System.                                |
| 6.2.2                         |   |
| Summary<br>of<br>Requirements | The Organisation shall develop suitable plans for achieving the Quality Objectives, including required actions and resources, responsibilities, timescales and evaluation of results. |

|    | STATEMENT/PROCEDURE  |
|----|--|
| 1. | The Organisation's primary Quality Objective is defined in the Quality Policy as "the Organisation aims to provide defect free products and services on time and within budget".   |
| 2. | Quality Objectives are established and documented at relevant functions, levels and processes needed for the Quality Management System.  |
| 3. | Effective measurement of the defined Objectives is achieved by the application of all of the procedures described in Sections 9 and 10 of this Manual relating to recording, monitoring and analysing customer feedback and non-conformance issues.  |
| 4. | Effective review of the defined Objectives is an integral part of the Quality Policy review as required by the procedures described in Section 9.3 (Management review).  |
| 5. | Objectives are based around SMART methodology therefore being:   |
|    | <ol> <li>Specific - Objectives must be clearly defined</li> <li>Measurable - Targets must be measurable (KPIs)</li> <li>Accepted - Must be accepted or as a minimum appropriate</li> <li>Reasonable - Achievable and feasible</li> <li>Time-bound - Time scales determine priority.</li> </ol> |

# **QUALITY MANUAL**

| 6.3                           | Planning of changes   |
|-------------------------------|---|
| Summary<br>of<br>Requirements | The Organisation shall plan any necessary changes to its Quality Management System. |

|    | STATEMENT/PROCEDURE  |
|----|--|
| 1. | The Quality Manager is responsible for assessing all proposed changes to the Quality Management System in accordance with the criteria summarised above.   |
| 2. | Proposed changes are documented on a Change Control Record and, where necessary, circulated to relevant interested parties for comment. The form reflects:  1. The purpose of the changes and their potential consequences  2. Resource availability |
|    | Responsibilities and authorities.  |
| 3. | When made, all changes are reflected in the Quality Manual and communicated to relevant interested parties.  |
| 4. | The Quality Manager monitors the impact of any change and proposes further change in the event of adverse consequences.  |

# **QUALITY MANUAL**

| 7.1                           | Resources  |
|-------------------------------|--|
| 7.1.1                         | General  |
| Summary<br>Of<br>Requirements | The resources needed for the establishment, implementation, maintenance and continual improvement of the Quality Management System shall be determined and provided.         |
| 7.1.2                         | People   |
| Summary<br>of<br>Requirements | The persons necessary for the effective implementation of the Quality Management System and for the operation and control of its processes shall be determined and provided. |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | The identification of revised or additional resources required to implement and improve the processes of the Quality Management System takes place as part of day-to-day management as well as part of the Management Review procedures described in Section 9.3. |
| 2. | <ol> <li>The Organisation considers:</li> <li>The level of existing internal resources in terms of their capabilities and constraints</li> <li>Resources which need to be obtained from external providers.</li> </ol>  |
| 3. | The Organisation deploys sufficient resources to respond to customer demand within a timescale that would be reasonably expected by the customer. Any issues with adherence to deadlines is communicated to relevant parties and alternative arrangements agreed. |
| 4. | In addition to Management Reviews, regular informal meetings take place. Significant issues are discussed and appropriate action is agreed and implemented, as necessary.   |

# **QUALITY MANUAL**

| 7.1                           | Resources (continued)   |
|-------------------------------|---|
| 7.1.3                         | Infrastructure  |
| Summary<br>of<br>Requirements | The infrastructure necessary for the operation of the Organisation's processes and to achieve conformity of products and services shall be determined, provided and maintained. |

|    | STATEMENT/PROCEDURE  |
|----|--|
| 1. | Production and supervisory staff monitor the performance of workshop tools and equipment on a daily basis. Any required preventive maintenance is carried out in-house in order to ensure continuing process capability.   |
| 2. | Quality related computer files are maintained in accordance with the relevant procedures described in Section 7.5.3 (Control of documented information).   |
| 3. | The suitability of buildings, equipment and workspace is reviewed during Management Review and periodic internal management meetings.  |
| 4. | All company vehicles are maintained effectively in line with company policy. Records of such information is held by the company, i.e. MOT, Insurance, service records.   |
| 5. | The Organisation's computer system is serviced and maintained by an experienced member of staff with the necessary expertise.  |
| 6. | A supplier on the List of Approved Suppliers services test equipment in accordance with the manufacturer's recommendations and all legal and regulatory requirements.  |
| 7. | All portable electrical equipment is subject to PAT Testing, in-house, in line with HSE guidelines. Records of this are retained on file. The competent person is trained through a NAPITS approved training course.   |
| 8. | For the purposes of this Quality Management System, all other elements of the infrastructure are treated as resources and provided, maintained, checked and replaced accordingly. This is administered by the application of the relevant procedures set out in Sections 8.5.1 (Control of production and service provision) and 7.1.5 (Monitoring and measuring resources). |

## **QUALITY MANUAL**

| 7.1                           | Resources (continued)  |
|-------------------------------|--|
| 7.1.4                         | Environment for the operation of processes   |
| Summary<br>of<br>Requirements | The work environment required to achieve conformity with product and service requirements shall be identified, determined, provided and managed. |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | Senior management ensures that a suitable environment is maintained that provides for safe systems of work and the ability to achieve conformity to product and service requirements. |
| 2. | Staff facilities and the workplace are maintained in an acceptable condition in order to ensure that all staff can carry out their duties effectively and efficiently.                |
| 3. | The stores/workshop are regularly cleaned to provide a pleasant working environment for staff and for safety reasons.   |
| 4. | First aid kits and fire extinguishers are provided and maintained throughout the Organisation.  |
| 5. | Social and psychological factors affecting the staff are also taken into account in order to ensure a suitable working environment.   |

## **QUALITY MANUAL**

| 7.1                           | Resources (continued)  |
|-------------------------------|--|
| 7.1.5                         | Monitoring and measuring resources   |
| 7.1.5.1                       | General  |
| Summary<br>of<br>Requirements | The resources needed to ensure valid and reliable monitoring and measuring results shall be determined and provided. Appropriate documented information shall be maintained to demonstrate fitness for purpose of the monitoring and measurement resources.  |
| 7.1.5.2                       | Measurement traceability   |
| Summary<br>of<br>Requirements | In circumstances in which measurement traceability is a requirement, or is essential in providing confidence in the validity of measurement results, equipment shall be accurately calibrated or verified, or both. Equipment shall also be uniquely identified and safeguarded from factors which would invalidate the calibration and hence the measurement results. |

|    | STATEMENT/PROCEDURE  |
|----|--|
| 1. | The Organisation does not use any equipment that requires any accurate measuring/monitoring requirements. Therefore, this Section is not applicable to the nature of the Organisation's current activities. The Management Review process monitors this situation. |
| 2. | Should these circumstances change, any equipment used for final verification would be calibrated and traceable to National Standards or, if not possible, the methods of calibration defined.  |

## **QUALITY MANUAL**

| 7.1                           | Resources (continued)   |
|-------------------------------|---|
| 7.1.6                         | Organisational knowledge  |
| Summary<br>of<br>Requirements | Sufficient knowledge shall be determined by the Organisation in order to operate its processes and to ensure that its products and services suitably conform.  Maintenance and availability of this knowledge to the necessary degree shall be ensured.  The Organisation shall consider its existing knowledge when dealing with changing requirements and trends and determine how any extra knowledge needed and necessary updates may be obtained or how access may be gained to these. |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | The Organisation's knowledge is mainly vested in:   |
|    | 1. Its staff  |
|    | 2. Its documented information.  |
| 2. | Levels of competence and awareness are improved at every opportunity, in accordance with Sections 7.2 and 7.3 of this Quality Manual.   |
| 3. | Staff are encouraged to share knowledge with colleagues as frequently as necessary so that a high level of knowledge is sustained throughout the Organisation.                                  |
| 4. | An environment of learning is created, with staff being encouraged to train in a range of skills both those essential for their current job and those which permit individual self-development. |
| 5. | Information is communicated to all levels of the Organisation using the principles embodied in Section 7.4.   |
| 6. | Documented information is created as far as practicable to reflect the knowledge possessed by the Organisation's staff and is controlled in accordance with Section 7.5.                        |

## **QUALITY MANUAL**

| 7.2                           | Competence  |
|-------------------------------|---|
| Summary<br>of<br>Requirements | <ul> <li>The following shall be undertaken by the Organisation:</li> <li>a) The competence required of person(s) doing activities under its control affecting the performance and effectiveness of the Quality Management System shall be determined</li> <li>b) The Organisation shall ensure that such persons are competent as regards suitable education, training, or experience</li> <li>c) Actions shall be taken to gain the competence required and to assess the effectiveness of actions taken, where applicable</li> <li>d) As evidence of competence, appropriate documented information shall be kept.</li> </ul> |
| 7.3                           | Awareness   |
| Summary<br>of<br>Requirements | It shall be ensured by the Organisation that persons doing work under the Organisation's control are aware of:  a) The Quality Policy b) Relevant Quality Objectives c) Their role in relation to the effectiveness of the Quality Management System, including the advantages of improvements in performance d) The consequences of failing to meet the Quality Management System requirements.  |

|    | STATEMENT/PROCEDURE  |
|----|--|
| 1. | All new members of staff receive appropriate induction training during their probationary period. This includes an introduction to the Quality Policy and their individual role in the operation of the Quality Management System and the achievement of relevant Quality Objectives, in addition to the implications of not conforming with the Quality Management System requirements. |
| 2. | Staff training and competence are assessed taking into account each individual's education, skills and experience.   |
| 3. | Requirements for further training are identified as part of day-to-day management and as part of the Management Review process set out in Section 9.3.   |

# **QUALITY MANUAL**

| 7.2 | Competence (continued)   |
|-----|--|
| 7.3 | Awareness (continued)  |
| 4.  | Training and competence requirements may be identified as a result of:       |
|     | 1. Performance reviews   |
|     | 2. New personnel   |
|     | 3. New equipment and/or technology   |
|     | 4. Revised legal and/or regulatory requirements (e.g. Health & Safety)       |
|     | 5. Revised industry standards  |
|     | 6. Employee request.   |
| 5.  | Appropriate training methods and aides are used that may include:            |
|     | Internal training by suitably trained staff                                  |
|     | 2. External training by an approved training provider                        |
|     | 3. Electronic media  |
|     | 4. Technical Manuals   |
|     | 5. Demonstrations.   |
| 6.  | A record of staff training and competence is kept including such details as: |
|     | Level of competence attained   |
|     | 2. Date of training or event   |
|     | 3. Training and/or activities undertaken                                     |
|     | 4. Duration  |
|     | 5. Qualifications and/or Certificates attained                               |
|     | 6. Ongoing and/or future training and/or re-certification requirements.      |
|     |  |

# **QUALITY MANUAL**

| 7.4                           | Communication   |
|-------------------------------|---|
| Summary<br>of<br>Requirements | The internal and external communications relating to the Quality Management System shall be determined, including:  a) The subject of its communications  b) When communications take place  c) With whom communications should be carried out  d) How communications are carried out  e) Who takes part in communications. |

|    | STATEMENT/PROCEDURE  |
|----|--|
| 1. | The Quality Policy is displayed on the Organisation's premises in order to ensure that it is made available and brought to the attention of all members of staff.  |
| 2. | The effectiveness of the Quality Management System is communicated throughout the Organisation by providing copies of the minutes of Management Reviews, or extracts thereof, to individual members of staff in accordance with their role and responsibilities. |
| 3. | Appropriate methods for internal communication are used according to the nature and required distribution of the information.  |

# **QUALITY MANUAL**

| 7.5                           | Documented information   |
|-------------------------------|--|
| 7.5.1                         | General  |
| Summary<br>Of<br>Requirements | The following shall be included in the Organisation's Quality Management System:  a) Documented information as dictated by the International Standard  b) Documented information determined as being essential for the effectiveness of the Quality Management System by the Organisation. |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | The following items are particularly significant in contributing to the Quality Management System and ensuring the effective operation and control of its procedures: |
|    | <ol> <li>The Quality Policy</li> <li>This Quality Manual</li> <li>Quality critical records</li> <li>The Organisations Procedure Documents</li> </ol>                  |

## **QUALITY MANUAL**

| 7.5                           | Documented information (continued)  |
|-------------------------------|---|
| 7.5.2                         | Creating and updating   |
| Summary<br>of<br>Requirements | The following shall be ensured by the Organisation when documented information is created and updated:  a) That it is suitably identified and described (e.g. a title, date, author, or reference number)  b) Format (e.g. language, software version, graphics) and media (e.g. paper, electronic)  c) Review and approval for suitability and adequacy. |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | All created and updated documented information includes the following:  |
|    | 1. Title  |
|    | 2. Date   |
|    | 3. Author   |
|    | 4. Reference number   |
|    | 5. Version number.  |
| 2. | New document templates are approved by the Quality Manager and recorded on the Document Template Control Schedule, to ensure that up-to-date templates are used consistently throughout the Organisation. |
| 3. | Where necessary, documents are approved at an appropriate level before release from the Organisation.   |
| 4. | When creating documented information, consideration is given to such matters as:  |
|    | Translation into other languages  |
|    | 2. Software version control   |
|    | 3. Compatibility with technology, i.e. iPad, Smart Phone  |
|    | 4. Accessibility for those with special needs, i.e. audio versions.   |

# **QUALITY MANUAL**

| 7.5                              | Documented information (continued)  |
|----------------------------------|---|
| 7.5.3                            | Control of documented information   |
| 7.5.3.1  Summary of Requirements | The Organisation is to control documented information essential for the Quality Management System and for ISO 9001 : 2015 to ensure:  a) Its availability and suitability for use, where and when it is required  b) Adequate protection of this documented information (e.g. from loss of confidentiality, unsuitable use, or loss of integrity).  |
| 7.5.3.2  Summary of Requirements | The following activities shall be addressed by the Organisation for the control of documented information, as applicable:  a) Distribution, access, retrieval and use b) Storage and preservation, including preservation of legibility c) Control of changes (e.g. version control) d) Retention and disposition. The Organisation shall identify, as appropriate, and control documented information of external origin which it determines to be necessary in order to plan and operate the Quality Management System. The Organisation shall protect documented information kept as evidence of conformity from unintentional amendments. |

|    | STATEMENT/PROCEDURE   |  |
|----|---|--|
|    | QUALITY MANUAL  |  |
| 1. | The Directors have approved this Quality Manual and will approve all subsequent issues.   |  |
| 2. | The only controlled copy of the Quality Manual is that held on the Organisation's computer system and is maintained by the Quality Manager. |  |
| 3. | All hard and any other electronic copies are by definition uncontrolled.  |  |

# **QUALITY MANUAL**

| 7.5 | Documented information (continued)   |
|-----|--|
| 4.  | Proposed changes to the Quality Manual are identified during the day-to-day activities as well as more formally during the Management Review process described in Section 9.3.               |
| 5.  | Proposed changes are reviewed and, if appropriate, adopted by the Quality Manager after taking into account all of the relevant information.   |
| 6.  | When adopted, changes are made to the controlled copy of the Quality Manual and the appropriate personnel are notified of the change.  |
|     | OTHER CONTROLLED DOCUMENTS   |
| 7.  | Health and Safety documents and COSHH data sheets are maintained by the Organisation.  |
|     | GENERAL CONTROLS   |
| 8.  | The Organisation's computer system is regularly backed up with a copy securely stored.   |
| 9.  | The integrity of the computer system and the data held on it is maintained by running background virus protection software and the maintenance of effective and regularly updated firewalls. |

## **QUALITY MANUAL**

| 7.5 | Documented information (continued)   |
|-----|--|
|     | RECORDS  |
| 10. | The Quality Manager is responsible for keeping the following records and similar documents for a minimum period of 12 months or as required by legal, regulatory and/or contractual requirements, whichever is the longer, in order to demonstrate conformity to the requirements and effective operation of the Quality Management System:  |
|     | <ol> <li>Previous Management Review Records</li> <li>Quality Audit Reports</li> <li>Management Information Records</li> <li>Staff suggestions</li> <li>Staff Training Records</li> <li>Non-conformance Records including customer complaints</li> <li>Customer Satisfaction Monitoring Records</li> <li>Quality related computer files</li> <li>Quotations</li> <li>Purchase Orders</li> <li>Job Sheets</li> <li>Invoices</li> <li>Delivery Notes</li> <li>Standard Operating Procedures – Main Machinery</li> </ol> |
| 11. | The Quality Manager is responsible for:  1. Identifying and specifying the records that are subject to control 2. Nominating individuals responsible and accountable for every record 3. Specifying the contents of records (through procedures) 4. Record disposal.   |
| 12. | The Organisation's storage system, both in electronic and hard copy, ensures that all quality records and similar documents are adequately protected, remain legible and identifiable. Records are stored and maintained in a manner to make them readily retrievable, in facilities that provide an environment to minimise deterioration or damage and to prevent loss.  |
| 13. | The Quality Manager maintains a Record Control Schedule with document specific requirements, as appropriate, for the identification, collating, indexing, filing, storage and maintenance of records.  |

# **QUALITY MANUAL**

| 7.5 | Documented information (continued)   |
|-----|--|
| 14. | Quality records are reviewed annually by the Quality Manager and those retained in excess of the specified retention period are disposed of. |

# **QUALITY MANUAL**

| 8.1                     | Operational planning and control   |
|-------------------------|--|
| Summary of Requirements | Planning, implementation and control of the processes (see 4.4) necessary to meet the requirements for the provision of products and services, and to implement the actions determined in Clause 6, shall be carried out as the Organisation:  a) Determines the requirements for the products and services  b) Establishes criteria for:  a. The processes  b. The acceptance of products and services.  c) Determines the essential resources to conform to the product and service requirements  d) Implements control of the processes based on the criteria  e) Determines and keeps documented information as required:  a. To be sure that the processes have been executed according to plan  b. To be able to show that products and services conform to their requirements.  The output of this planning shall suit the Organisation's operations.  Planned changes shall be controlled and the results of unintentional changes evaluated by the Organisation, taking action to lessen any adverse effects, as necessary. |
|                         | It shall be ensured that outsourced processes are controlled by the Organisation (see 8.4).  |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | The work planning process involves determining and taking into account the Quality Policy, Objectives and the requirements of the product and/or service requirements. This is achieved by the application of the documented Quality Management System and related processes and includes the provision of any necessary resources and validation and verification methods. |
| 2. | Personnel are allocated to a job based on the skills required, the workload and their availability.   |
| 3. | Regular informal meetings take place at which any significant issues are discussed and appropriate action is agreed and implemented, as necessary. Notes may be added to the job information for future reference.  |

# **QUALITY MANUAL**

| Determination of requirements for products and services  |
|--|
| Customer communication   |
| The following activities relate to communication with customers:   |
| a) The provision of information relating to products and services  |
| b) The handling of enquiries, contracts or orders, including changes   |
| c) Acquiring customer feedback relating to products and services, including customer complaints                        |
| d) The handling or control of customer property  |
| e) Establishing particular requirements for contingency actions, when relevant.  |
| Determining the requirements related to products and services  |
| The Organisation shall ensure the following when determining the requirements for the                                  |
| products and services for customers:   |
| a) Description of the requirements for the products and services, including:   |
| a. Any applicable statutory and regulatory requirements  |
| b. Those considered essential by the Organisation.   |
| b) The Organisation can realise the claims for its products and services on offer.                                     |
| Review of requirements related to products and services  |
|  |
| The Organisation's ability to fulfil the requirements for products and services to be offered to                       |
| customers shall be ensured. A review shall be conducted by the Organisation before it commits                          |
| to supplying products and services to a customer, which shall include the following:                                   |
| a) Requirements as described by the customer, which include the requirements for delivery and post-delivery activities |
| b) Requirements not specified by the customer, but essential for the stated or intended use, when known                |
|  |

## **QUALITY MANUAL**

| 8.2  | Determination of requirements for products and services (continued)  |
|--|--|
| 8.2.3  | Review of requirements related to products and services (continued)  |
| 8.2.3.1<br>(cont'd)                          |  |
| Summary<br>of<br>Requirements<br>(continued) | <ul> <li>c) The Organisation's stated requirements</li> <li>d) Statutory and regulatory requirements which apply to the products and services</li> <li>e) Contract or order requirements that are different to previous ones.</li> <li>Resolution of contract or order requirements that are different from requirements previously defined shall be ensured by the Organisation. Before acceptance, the Organisation shall confirm the customer's requirements in the event that the customer fails to provide a documented statement of their requirements.</li> </ul> |
| 8.2.3.2                                      |  |
| Summary<br>of<br>Requirements                | Documented information shall be kept by the Organisation, as applicable:  a) On the outcomes of the review  b) On any further requirements for the products and services.  |
| 8.2.4  | Changes to requirements for products and services  |
| Summary<br>of<br>Requirements                | Relevant documented information shall be amended by the Organisation whenever the requirements for products and services are changed. Relevant persons shall also be made aware of the changed requirements.   |

|    | STATEMENT/PROCEDURE  |  |
|----|--|--|
| 1. | Enquiries are received or acquired by the following means:     |  |
|    | Telephone and e-mail   |  |
|    | Established customer (direct customers and main contractors)   |  |
|    | 3. Established industry contacts                               |  |
|    | 4. The Organisation's website and other marketing initiatives. |  |

# **QUALITY MANUAL**

| 8.2 | Determination of requirements for products and services (continued)  |
|-----|--|
| 2.  | Appropriate details are recorded:  |
|     | 1. Date  |
|     | 2. Customer name   |
|     | 3. Customer address  |
|     | 4. Customer contact names  |
|     | 5. Customer telephone numbers  |
|     | 6. Required delivery arrangements  |
|     | 7. Required delivery date  |
|     | 8. Delivery address (if not already on database)   |
|     | 9. Quantities  |
|     | 10.Materials   |
|     | 11.Dimensions  |
|     | 12.Weights   |
|     | 13. Nature of product  |
|     | 14.Requirements for prototypes   |
|     | 15.Requirements for materials certification  |
|     | 16.Any special details   |
| 3.  | The customer may supply a product sample or drawing to fully define the enquiry specification. Where the sample or drawings is referenced, the reference number is recorded on the quotation order form. |
| 4.  | Where appropriate the customer is asked further questions to fully define the enquiry specification .  |
| 5.  | The customer's enquiry is reviewed to establish the Company's ability to fulfil the customer requirements.   |
| 6.  | Any queries are passed to senior management for decisions.   |
| 7.  | A written or verbal quotation is given according to the customer requirements and the size, complexity and nature of the enquiry.  |
| 8.  | Pricing is based on market conditions prevailing at the time.  |
| 9.  | Where a written quotation is not provided the enquiry details, as well as a price, are read back to the customer.  |

# **QUALITY MANUAL**

## **QUALITY MANUAL**

| 8.2 | Determination of requirements for products and services (continued)                                      |
|-----|--|
| 10. | The customer accepts the quotation by appropriate means and may provide their own order reference.       |
| 11. | The customer order is reviewed to establish the Company's ability to fulfil the customer's requirements. |
| 12. | Where the customer's order is new the customer provides a sample of their product or a drawing.          |

## **QUALITY MANUAL**

| 8.3                           | Design and development of products and services   |
|-------------------------------|---|
| 8.3.1                         | General   |
| Summary<br>Of<br>Requirements | An appropriate design and development process to ensure the provision of products and services shall be set up, put into place and maintained by the Organisation.  |
| 8.3.2                         | Design and development planning   |
| Summary<br>of<br>Requirements | The Organisation shall consider the following as it determines the stages and controls for design and development:  a) The nature, duration and complexity of activities relating to design and development b) The necessary process stages, including applicable design and development reviews c) The necessary activities relating to design and development verification and validation d) The responsibilities and authorities playing a role in the design and development process e) The internal and external resource requirements for the design and development of products and services  f) The necessity to control interfaces between individuals playing a role in the design and development process  g) The need to ensure that customers and users are involved in the design and development process  h) The requirements for future provision of products and services  i) The anticipated degree of control that customers and other relevant parties should have over the design and development process  j) The documented information necessary to prove the fulfilment of design and development requirements. |

## **QUALITY MANUAL**

| 8.3                           | Design and development of products and services (continued)   |
|-------------------------------|---|
| 8.3.3                         | Design and development inputs   |
| Summary<br>of<br>Requirements | The necessary requirements for the particular kinds of products and services to be designed and developed are to be determined by the Organisation. The following are to be considered by the Organisation:  a) Requirements related to function and performance b) Information resulting from earlier similar activities in design and development c) Statutory and regulatory requirements d) Standards or codes of practice that the Organisation has pledged to put into practice e) Possible effects of failure due to the nature of the products and services. Inputs shall be sufficient for design and development purposes, complete and unambiguous. Where there are conflicting design and development inputs, a decision shall be reached. Documented information on design and development inputs shall be kept by the Organisation. |
| 8.3.4                         | Design and development controls   |
| Summary<br>of<br>Requirements | Controls shall be applied to the design and developments process by the Organisation to ensure the following:  a) Definition of results to be accomplished  b) Reviews are carried out to assess the ability of the results of design and development to fulfil requirements  c) In order to ensure that the design and development outputs are in line with the input requirements, verification activities are carried out  d) In order to ensure that the resulting products and services are in line with the requirements for the specified application or intended use, validation activities are carried out by the Organisation  e) When difficulties are determined during the reviews, or verification and validation activities, any suitable actions are taken  f) Documented information of these activities is kept.                |

## **QUALITY MANUAL**

| 8.3                           | Design and development of products and services (continued)   |
|-------------------------------|---|
| 8.3.5                         | Design and development outputs  |
| Summary<br>of<br>Requirements | It shall be ensured that design and development outputs shall do the following:  a) Fulfil the input requirements  b) Are sufficient for the ensuing processes for the provision of products and services  c) Comprise or make reference to monitoring and measuring requirements, as appropriate, and acceptance criteria  d) Give details of the characteristics of the products and services that are required for their specific purpose and their safe and correct provision.  Documented information on design and development outputs shall be kept by the Organisation. |
| 8.3.6                         | Design and development changes  |
| Summary<br>of<br>Requirements | Changes made during or after the design and development of products and services shall be identified, reviewed and controlled by the Organisation to the degree required so that no detrimental impact on conformity to requirements is experienced.  Documented information shall be kept by the Organisation on:  a) Changes to design and development  b) Review results  c) The authorisation of the changes  d) Preventive actions for detrimental impacts.  |

|    | STATEMENT/PROCEDURE  |
|----|--|
| 1. | Design elements are identified from a requirement specification provided by a customer.                  |
| 2. | The customer provides either a drawing, photograph or a sample of the product that needs to be packaged. |
| 3. | The organisation designs the required packaging for the customer and the quotation is agreed.            |

## **QUALITY MANUAL**

| 8.4                           | Control of externally provided products and services  |
|-------------------------------|---|
| 8.4.1                         | General   |
| Summary<br>of<br>Requirements | The conformity of externally provided processes, products and services to requirements shall be ensured by the Organisation.  The controls to be applied to externally provided processes, products and services shall be determined by the Organisation when:  a) There is an intention to incorporate products and services from external providers into the Organisation's own products and services  b) There is a direct provision of products and services to the customer(s) by external providers on behalf of the Organisation  c) Provision of a process, or part of a process, is made by an external provider due to a decision made by the Organisation.  Criteria for the evaluation, selection and monitoring of performance and re-evaluation of external providers shall be determined and put into practice by the Organisation, according to their ability to provide processes or products and services in line with requirements.  Documented information of these activities and any required actions arising from the evaluations shall be kept by the Organisation. |
| 8.4.2                         | Type and extent of control  |
| Summary<br>of<br>Requirements | The Organisation shall ensure that its ability to consistently deliver conforming products and services to its customers shall not be adversely affected by externally provided processes, products and services.  The following shall be carried out by the Organisation:  a) The Organisation shall ensure that externally provided processes stay within the control of its Quality Management System  b) Both the controls that it intends to apply to an external provider and those it intends to apply to the resulting output shall be defined  |

## **QUALITY MANUAL**

| 8.4  | Control of externally provided products and services (continued)   |
|--|--|
| 8.4.2  | Type and extent of control (continued)   |
| Summary<br>of<br>Requirements<br>(continued) | <ul> <li>c) The following shall be considered:</li> <li>a. The way in which the externally provided processes, products and services might potentially impact the Organisation's position regarding its consistent fulfilment of customer and applicable statutory and regulatory requirements</li> <li>b. The degree to which the controls applied by the external provider are effective.</li> <li>d) It shall be ensured that the externally provided processes, products and services fulfil requirements through the determination of the required verification or other activities.</li> </ul>   |
| 8.4.3  | Information for external providers   |
| Summary<br>of<br>Requirements                | The suitability of requirements shall be ensured by the Organisation before they are communicated to the external provider.  The Organisation's requirements for the following shall be communicated to external providers:  a) The provision of processes, products and services  b) The approval of the following:  a. Products and services  b. Methods, processes and equipment  c. The release of products and services.  c) Competence, which includes any essential qualification of persons  d) The external providers' interactions with the Organisation  e) The Organisation's application of control and monitoring of the external providers' performance  f) Activities relating to verification or validation that the Organisation, or its customer, plans to carry out at the external providers' premises. |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | Supplier records are regularly maintained. These records are available to all members of staff who hold the authority to purchase thus ensuring that only suppliers meeting the Organisation's quality criteria are used. |

# **QUALITY MANUAL**

## **QUALITY MANUAL**

| 8.4 | Control of externally provided products and services (continued)                             |
|-----|--|
| 2.  | Selection is based on a number of criteria. These may include:                               |
|     | Quality of service provided  |
|     | 2. Competitive pricing   |
|     | 3. Track record  |
|     | 4. Customer's requirements   |
|     | 5. Availability  |
|     | 6. Technical competence  |
|     | 7. Project location  |
|     | 8. Relevant sub-contractor qualification   |
|     | 9. Supplier expertise  |
|     | 10. Ability to meet relevant statutory and regulatory requirements                           |
| 3.  | All suppliers are selected from the list of approved suppliers.                              |
| 4.  | Orders are raised for both specific requirements and to maintain stock holding levels.       |
| 5.  | A uniquely referenced Purchase Order is raised including details such as:                    |
|     | 1. Date  |
|     | Unique purchase order number   |
|     | 3. Supplier name   |
|     | 4. Supplier address  |
|     | 5. Originators name  |
|     | 6. Required delivery arrangements  |
|     | 7. Required delivery date  |
|     | 8. Delivery address  |
|     | 9. Quantities  |
|     | 10. Materials  |
|     | 11. Dimensions   |
|     | 12. Weights  |
|     | 13. Requirements for materials certification (if applicable)                                 |
|     | 14. Sub-contract works specifications  |
|     | 15. Any special details  |
| 6.  | The supplier is e-mailed a copy of the purchase order according to the urgency of the order. |
| 7.  | Where appropriate drawings or samples may accompany the Purchase Order.                      |
|     |  |

# **QUALITY MANUAL**

| 8.4 | Control of externally provided products and services (continued)  |
|-----|---|
| 8.  | A copy of the Purchase Order is held with the customer's order or in the stock order pending tray as appropriate, whilst awaiting delivery.                                       |
| 9.  | Incoming goods and materials are checked against the supplier delivery documents, the original Purchase Order and for transit damage and conformity marked on the Purchase Order. |

## **QUALITY MANUAL**

| 8.5                           | Production and service provision  |
|-------------------------------|---|
| 8.5.1                         | Control of production and service provision   |
| Summary<br>of<br>Requirements | Production and service provision shall be put into practice by the Organisation under controlled conditions.  Controlled conditions include the following, as applicable:  a) The availability of documented information, defining:  a. The characteristics of the products to be manufactured, the services to be delivered, or the activities to be carried out  b. The results to be accomplished  b) The availability and use of appropriate monitoring and measuring resources  c) In order to ensure that criteria for control of processes or outputs, and acceptance criteria for products and services, have been met, monitoring and measurement activities shall be put into practice at appropriate stages  d) Suitable infrastructure and environment shall be used for the operation of processes  e) Competent persons shall be appointed, which includes any necessary qualification  f) The ability to achieve planned results of the processes for production and service provision, where the resulting output cannot be verified by monitoring or measurement carried out afterwards, shall be validated and periodically revalidated  g) Preventive actions shall be carried out to avert human error  h) Release, delivery and post-delivery activities shall be put into practice. |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | All staff carry out their work reflecting:                                      |
|    | Agreements with customers   |
|    | 2. Their skills, training, qualifications and experience                        |
|    | 3. Further instructions from more senior management                             |
|    | 4. Further instructions from customers.   |
|    | Therefore, documented generic work instructions are not considered appropriate. |

## **QUALITY MANUAL**

| 8.5.1 | Control of production and service provision (continued)   |
|-------|---|
| 2.    | All work is undertaken in a controlled manner, and planning conducted in accordance with the relevant procedures set out in Section 8 of this Manual.   |
|       | PRODUCTION  |
| 3.    | Where the customer's equipment is new the customer provides a sample of their product or a drawing.   |
| 4.    | Samples are made based upon the sample of the customer product or a drawing.  |
| 5.    | The sample is passed to senior management for approval.   |
| 6.    | A sample is passed to the customer for approval which may be provided verbally or in writing as appropriate.  |
| 7.    | When an order is received, a job sheet is raised detailing as appropriate:  |
|       | <ol> <li>Date of approval</li> <li>Customers name</li> <li>Job reference</li> <li>Materials</li> <li>Fabrications process</li> <li>Dimensions</li> <li>Any particular production instructions</li> <li>Any special details</li> </ol> |
| 8.    | Where appropriate, dies are ordered based upon the sample and/or customers drawings, using Section 8.4 Purchasing Procedures.   |
| 9.    | Materials are purchased using Section 8.4 Purchasing Procedures.  |
| 10.   | Work is scheduled considering:  1. The agreement with the customer 2. Materials availability 3. Production staff availability 4. Machine availability 5. Die availability   |

# **QUALITY MANUAL**

| 8.5.1 | Control of production and service provision (continued)  |
|-------|--|
| 11.   | Production staff are appointed considering:  |
|       | The agreement with the customer  |
|       | 2. Availability  |
|       | 3. Specialist skills, training and experience  |
| 12.   | Materials, job sheet and verbal instructions are issued to production staff.   |
| 13.   | All production is carried out reflecting:  |
|       | The agreement with the customer reflected in the job sheet   |
|       | 2. The written quality policy  |
|       | 3. Appropriate legislate   |
|       | 4. The skills, training, experience and qualification of the work force  |
| 14.   | Any work queries are referred to senior management and ultimately the customer.  |
| 15.   | In process check are carried out from time to time with any apparent problems being rectified prior to packing taking place. |
| 16.   | Supervisory checks are carried out from time to time and documented as appropriate.  |
|       | SALES  |
| 17.   | All work is carried out reflecting:  |
|       | The agreement with the customer  |
|       | 2. The written quality policy  |
|       | 3. Appropriate legalisation  |
|       | 4. The skills, training, experience and qualifications of the work force   |
| 18.   | Any work queries are referred to senior management and ultimately the customer.  |
| 19.   | Supervisory checks are carried out from time to time and documented as appropriate.  |
| 20.   | The customer accepts the quotation by appropriate means and may provide their own order reference.                           |

# **QUALITY MANUAL**

| 8.5.1 | Control of production and service provision (continued)   |
|-------|---|
| 21.   | A uniquely referenced Invoice/Delivery Note is raised based upon the customer written orders confirmation, including appropriate details such as: |
|       | 1. Date   |
|       | 2. Unique invoice, delivery note number   |
|       | 3. Customers order reference  |
|       | 4. Customer name  |
|       | 5. Customers address  |
|       | 6. Customers contact names  |
|       | 7. Delivery arrangements  |
|       | 8. Delivery address   |
|       | 9. Quantities   |
|       | 10.Description  |
|       | 11.Materials certifications enclosures  |
|       | 12.Any special details  |
| 22.   | The Invoice/Delivery Note is checked against the customer written order .   |
| 23.   | Any Certificates of Conformity are attached to the invoice and despatched to the Customer by hand of by post.                                     |
| 24.   | Copies of the Invoice/Delivery Note are passed to warehouse staff.  |
| 25.   | The goods defined on the invoice/delivery note are taken from stock checked and loaded stoc to the Invoice/Delivery Note specification.           |
| 26.   | As each item is loaded approval is registered on the Invoice/Delivery Note with the checker signature against the item.                           |
| 27.   | The customer goods are despatched together with a copy of the Invoice, Delivery Not according to the agreement with the customer.                 |

## **QUALITY MANUAL**

| 8.5                           | Production and service provision (continued)  |
|-------------------------------|---|
| 8.5.2                         | Identification and traceability   |
| Summary<br>of<br>Requirements | Suitable means shall be used by the Organisation to identify outputs when it needs to ensure that products and services conform to requirements.  The status of outputs regarding monitoring and measurement requirements throughout production and service provision shall be identified by the Organisation. When traceability is a requirement, the unique identification of the outputs shall be controlled and in order to enable traceability, the required documented information shall be kept. |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | All quality related items and materials provide their own unique identify by way of design, manufacturers packing and/or labelling.   |
| 2. | Forms are marked with the customer name and/or reference and/or part number of the goods supplied, as appropriate on receipt. If a drawing is supplied, it will carry the name of customer and reference number, if applicable. |

## **QUALITY MANUAL**

| 8.5                           | Production and service provision (continued)  |
|-------------------------------|---|
| 8.5.3                         | Property belonging to customers or external providers   |
| Summary<br>of<br>Requirements | While under the Organisation's control or in use by the Organisation, care shall be exercised with customer-owned property or property owned by external providers.  The identification, verification, protection and safeguarding of customers' or external providers' property which has been provided for use or is to be incorporated into the products and services.  The customer or external provider shall be notified in the event that the property of a customer or external provider is lost, damaged or otherwise found to be unsuitable for use, and documented information on what has occurred shall be kept. |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | On its receipt by the Organisation, customer property is clearly identified and subsequently processed in accordance with the relevant procedures set out in Section 8.5.4.   |
| 2. | All data and information provided by customers are treated as confidential in accordance with the requirements of the Data Protection Act 2018 and are protected using suitable physical and electronic protection methods. |
| 3. | Customers are notified of any loss, corruption, or other damage to their data, information or property.   |

# **QUALITY MANUAL**

| 8.5                           | Production and service provision (continued)   |
|-------------------------------|--|
| 8.5.4                         | Preservation   |
| Summary<br>Of<br>Requirements | In order that conformity to requirements is ensured, outputs shall be preserved by the Organisation during production and service provision to the extent necessary. |

|    | STATEMENT/PROCEDURE  |
|----|--|
|    | IDENTIFICATION   |
| 1. | All documents and data are identified by the application of the relevant procedures established in Section 8.5.3 (Property belonging to clients or external providers).  |
| 2. | The Organisation shall ensure that all products and materials are identified by means which are identifiable by all staff, and where applicable to the customer.   |
|    | PROTECTION   |
| 3. | Electronic data is protected through implementation of the methodology established in Section 7.5.3 (Control of documented information).   |
| 4. | Products, materials, equipment and hard copy documentation are protected through implementation of the relevant procedures established in Section 7.1.3 (Infrastructure) and Section 7.1.4 (Environment for the operation of processes).                 |
| 5. | The Organisation ensures that all products held, and within their jurisdiction are subject to conditions, that prevents deterioration, contamination and damage. These conditions may be relevant to handling, storage and packaging as addressed above. |

# **QUALITY MANUAL**

| 8.5 | Production and service provision (continued)  |
|-----|---|
|     | HANDLING  |
| 6.  | The Organisation takes all precautions in order to ensure the safe handling of product, parts, materials or process equipment in accordance with:   |
|     | <ol> <li>Manufacturer's guidelines</li> <li>Supplied Data Sheets (COSHH) (when applicable)</li> <li>All statutory and regulatory requirements relating to the product or the activities of the</li> </ol> |
|     | Organisation 4. Individual/Personal training or qualification 5. Relevant site regulations  |
|     | STORAGE   |
| 7.  | Appropriate retention of documentation and data is provided through implementation of the relevant procedures established in Section 7.5.3 (Control of documented information).                           |
| 8.  | The Organisation ensures that all product, parts, materials or process equipment, including those supplied by customers, is stored in accordance with the relevant:                                       |
|     | <ol> <li>Manufacturers guidelines</li> <li>Relevant statutory and regulative requirements</li> <li>Safety requirements for the product/equipment etc.</li> </ol>  |

# **QUALITY MANUAL**

| 8.5                           | Production and service provision (continued)   |
|-------------------------------|--|
| 8.5.5                         | Post-delivery activities   |
| Summary<br>of<br>Requirements | Requirements for post-delivery activities related to the products and services shall be fulfilled by the Organisation.  The Organisation shall consider the following as it determines the extent of post-delivery activities required:  a) Any requirements of a statutory or regulatory nature  b) The possible unwanted consequences related to its products and services  c) The products' and services' nature, use and planned lifetime  d) Customer requirements  e) Customer feedback. |

|    | STATEMENT/PROCEDURE  |
|----|--|
| 1. | There are no further specific statutory and regulatory requirements, contractual obligations or supplementary services that are required to be fulfilled after the Organisation's products and services have been delivered. |

# **QUALITY MANUAL**

| 8.5                           | Production and service provision (continued)  |
|-------------------------------|---|
| 8.5.6                         | Control of changes  |
| Summary<br>of<br>Requirements | Changes for production or service provision shall be reviewed and controlled by the Organisation to the extent necessary so that continuing conformity with requirements is ensured.  Documented information which details the results of the review of changes, the person(s) authorising the change, and any necessary actions resulting from the review shall be kept by the Organisation. |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | A formal change control process is in place to ensure the proper evaluation and approval of all proposed significant changes to production and service provision. |
| 2. | Other changes are recorded in emails and this e-mail chain can provided as evidence for audit.  |

# **QUALITY MANUAL**

| 8.6                           | Release of products and services   |
|-------------------------------|--|
| Summary<br>of<br>Requirements | In order to verify that the product and service requirements have been fulfilled, planned arrangements shall be put into practice by the Organisation at appropriate stages.  Unless given approval by an appropriate authority and, as applicable, by the customer, the release of products and services to the customer shall not take place before the satisfactory completion of planned arrangements.  Documented information shall be kept by the Organisation regarding the release of products and services. The documented information includes:  a) Evidence of conformity with the acceptance criteria  b) Traceability to the person(s) having authority to allow the release. |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | The customer's enquiry and order is reviewed to establish the Company's ability to fulfil the customer's requirements.  |
| 2. | Incoming goods and materials are checked against the supplier's delivery documents, the original purchase order and for transit damage and conformity marked on the purchase order. The order is then crossed through and attached to the relevant delivery note. |
| 3. | As the goods defined on the invoice/delivery note are taken from stock and loaded they are checked against the Invoice/Delivery Note specification and registered on the Invoice/Delivery Note with the checkers signature against the item.                      |
| 4. | All records are retained in order to provide evidence of conformity to the customer's requirements.   |

## **QUALITY MANUAL**

| 8.7                           | Control of non-conforming outputs  |
|-------------------------------|--|
| 8.7.1                         |  |
| Summary<br>of<br>Requirements | When outputs do not conform to their requirements, the Organisation shall ensure that these are identified and controlled for the prevention of any unintended use or delivery.  Based on the nature of the non-conformity and its effect on the conformity of products and services, appropriate action shall be taken by the Organisation. Any appropriate action shall also be taken by the Organisation regarding any non-conforming products and services detected after delivery of products, during or after the provision of services.  Non-conforming outputs shall be dealt with in one or more of the following ways:  a) Correction  b) Segregation, containment, return or suspension of provision of products and services c) Notifying the customer  d) Acquiring authorisation for acceptance under concession.  When non-conforming outputs are corrected, conformance with any requirements shall be ensured through verification. |
| 8.7.2                         |  |
| Summary<br>of<br>Requirements | Documented information shall be kept by the Organisation that:  a) Details the non-conformity  b) Details any actions taken  c) Details any concessions obtained  d) Designates the authority deciding the action regarding the non-conformity.  |

|    | STATEMENT/PROCEDURE  |
|----|--|
| 1. | The details of all products and services not meeting the required specification are recorded on a Non-conformance Report.  |
| 2. | Non-conforming outputs result in one or more of the following:   |
|    | <ol> <li>Correction of the immediate problem</li> <li>Segregation, containment, return or suspension of provision of products or services</li> <li>Informing the customer</li> <li>Obtaining authorisation for acceptance under concession.</li> </ol> |

## **QUALITY MANUAL**

| 8.7 | Control of non-conforming outputs (continued)   |
|-----|---|
| 3.  | All activities not meeting the requirements of the Quality Management System or agreements with customers are suspended pending appropriate action.   |
| 4.  | All materials, products, services and sub-contractor performance not meeting the required specification are clearly identified and/or segregated pending a decision regarding their further processing. |
| 5.  | All activities not meeting the requirements of the Quality Management System or agreements with customers are suspended pending appropriate action.   |
| 6.  | The occurrence is investigated in order to establish its cause.   |
| 7.  | A record is kept on a Customer Complaint Form or Non-conformance Report of the occurrence and its cause.  |
| 8.  | All consequences of the occurrence are similarly recorded.  |
| 9.  | Product or materials, once identified as being non-conforming are segregated from existing stocks in order to prevent accidental delivery, issue or usage.  |
| 10. | Investigations are conducted in order to determine the outcome, which may include:  |
|     | <ol> <li>Disposal</li> <li>Re-working</li> <li>Return to supplier</li> <li>Concession</li> </ol>  |

## **QUALITY MANUAL**

| 9.1                           | Monitoring, measurement, analysis and evaluation   |
|-------------------------------|--|
| 9.1.1                         | General  |
| Summary<br>of<br>Requirements | The following shall be determined by the Organisation:  a) Items requiring monitoring and measurement  b) In order to ensure valid results, any required methods for monitoring, measurement, analysis and evaluation  c) Scheduling of the monitoring and measuring  d) Scheduling of analysis and evaluation of the results from monitoring and measurement.  The performance and effectiveness of the Quality Management System shall be evaluated by the Organisation.  Appropriate documented information shall be kept by the Organisation as evidence of the results. |

|    | STATEMENT/PROCEDURE  |
|----|--|
| 1. | The Organisation monitors, measures, analyses and improves its processes in order to:  |
|    | Demonstrate conformity of its activities   |
|    | 2. Ensure conformity to the Quality Management System  |
|    | 3. Continually improve the effectiveness of the Quality Management System.   |
| 2. | The Organisation continuously employs statistical analysis techniques to measure and monitor product improvement and conformity. These techniques may relate to: |
|    | 1. Data analysis   |
|    | 2. Performance testing   |
|    | 3. Defect analysis   |
|    | 4. Design process review   |
|    | 5. Design verification.  |
|    |  |

## **QUALITY MANUAL**

| 9.1 | Monitoring, measurement, analysis and evaluation (continued)   |
|-----|--|
| 3.  | Information obtained by such statistical analysis may relate to:   |
|     | 1. Trends  |
|     | 2. Operational performance   |
|     | 3. Levels of customer satisfaction   |
|     | 4. Overall effectiveness and efficiency.   |
| 4.  | Monitoring and measurement of processes are achieved by implementation of the procedures set out in Sections 9.2 (Internal audit) and 9.3 (Management review). |
| 5.  | Documents used to facilitate the monitoring and measurement of processes include but are not limited to:   |
|     | 1. Quality Audit Records   |
|     | 2. Customer Feedback Records   |
|     | 3. Non-conformance Records   |
|     |  |

## **QUALITY MANUAL**

| 9.1                           | Monitoring, measurement, analysis and evaluation (continued)  |
|-------------------------------|---|
| 9.1.2                         | Customer satisfaction   |
| Summary<br>of<br>Requirements | Customers' perceptions of the extent to which their requirements and expectations have been met shall be monitored by the Organisation. The methods for acquiring, monitoring and reviewing this information shall be determined by the Organisation.  Customer surveys, customer feedback on delivered products and services, meetings with customers, market-share analysis, compliments, warranty claims and dealer reports are all examples of monitoring customer perceptions. |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | The maintaining of close working relationship and ongoing contact with customers together with the analysis of order placement, is the Company's preferred method of monitoring customer satisfaction |
| 2. | Any customer complaints are logged and reviewed on a Customer Compliant Form.   |

## **QUALITY MANUAL**

| 9.1                           | Monitoring, measurement, analysis and evaluation (continued)   |
|-------------------------------|--|
| 9.1.3                         | Analysis and evaluation  |
| Summary<br>of<br>Requirements | Appropriate data and information arising from monitoring and measurement shall be analysed and evaluated by the Organisation.  The following shall be evaluated using the results of analysis:  a) Conformity of products and services  b) The level of customer satisfaction  c) The performance and effectiveness of the Quality Management System  d) The extent to which planning has been put into practice effectively  e) How effective any actions taken to address risks and opportunities have been  f) External providers' performance  g) The necessity for improvements to the Quality Management System. |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | The following data is analysed in order to identify trends and opportunities for preventive and/or improvement actions:   |
|    | <ol> <li>Customer Satisfaction Monitoring Records</li> <li>Product and/or Service Conformity Records</li> <li>Product and/or service trends</li> <li>Results of internal Quality Audits as a measurement of the effectiveness of the Quality Management System</li> <li>Non-conformance Records.</li> </ol> |
| 2. | The analysed data is presented as critical input into the Management Review process set out in Section 9.3.   |

## **QUALITY MANUAL**

| 9.2                           | Internal audit   |
|-------------------------------|--|
| 9.2.1                         |  |
| Summary<br>of<br>Requirements | Internal audits shall be carried out at planned intervals by the Organisation for the provision of information regarding whether the Quality Management System:  a) Conforms to:  a. The Organisation's own requirements for its Quality Management System  b. The requirements of the International Standard  b) Is put into practice and maintained effectively.   |
| 9.2.2                         |  |
| Summary<br>of<br>Requirements | <ul> <li>The following shall be carried out by the Organisation:</li> <li>a) An audit programme(s), including the frequency, methods, responsibilities, planning requirements and reporting shall be planned, set up, put into practice and maintained, taking into consideration the importance of the related processes, changes affecting the Organisation, and previous audit results</li> <li>b) For each audit, the audit criteria and scope shall be defined</li> <li>c) Auditors shall be selected and audits conducted to ensure objectivity and the impartiality of the audit process</li> <li>d) The Organisation shall ensure that relevant management are notified of audit results</li> <li>e) Appropriate correction and corrective actions shall be undertaken in a timely manner</li> <li>f) Documented information shall be kept to demonstrate that the audit programme and the audit results are being put into practice.</li> </ul> |

|    | STATEMENT/PROCEDURE  |
|----|--|
| 1. | A Quality Audit Programme is maintained by the Quality Manager ensuring that the Quality Management System is verified in accordance to the defined Audit Programme. The Management System should be audited in its entirety over a three year period. |
| 2. | More frequent Quality Audits may be organised by the Quality Manager depending on the importance of the activities being audited.  |

## **QUALITY MANUAL**

| 9.2 | Internal audit (continued)  |
|-----|---|
| 3.  | Internal Quality Audits are carried out according to the following procedures:  |
| 4.  | At the beginning of every month, the Quality Manager consults the Quality Audit Programme and establishes which, if any, parts of the Quality Management System are to be audited during the coming month.                    |
| 5.  | A member of staff, whenever possible independent of the activity to be audited, is appointed by the Quality Manager.  |
| 6.  | The Auditor refers to the Quality Manual and determines the activities to be audited.   |
| 7.  | The Auditor selects a representative number of records to be audited on a random basis.   |
| 8.  | The Auditor advises any personnel concerned that a Quality Audit is being undertaken and answers any questions they may have regarding the audit.   |
| 9.  | The Auditor examines the records selected in order to determine whether the activities identified above have been carried out correctly.  |
| 10. | The Auditor keeps a record of the process and the findings of the Quality Audit.  |
| 11. | The Quality Audit Record and all other documents relating to internal audits are passed to the Quality Manager.   |
| 12. | The Quality Audit Record and all other documents relating to internal Quality Audits are retained for inspection by QMS International at the annual external Quality Audit.   |
| 13. | All issues arising from the internal Quality Audit requiring immediate attention are discussed with the appropriate personnel and a record is kept on a Quality Audit Report or Management Information Report as appropriate. |
| 14. | The Quality Manager ensures that the Quality Audit results are discussed at the next Management Review.   |

## **QUALITY MANUAL**

| 9.3                           | Management Review   |
|-------------------------------|---|
| 9.3.1                         | General   |
| 9.3.2                         | Management Review inputs  |
| 9.3.3                         | Management Review outputs   |
| Summary<br>of<br>Requirements | At planned intervals the Organisation's Quality Management System shall be reviewed by top management so that its ongoing suitability, adequacy, effectiveness and alignment with the strategic direction of the Organisation may be ensured. |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | As part of the initial implementation of the Quality Management System, a Management Review was held during the first two months of its adoption in accordance with the procedures set out below.   |
| 2. | A Management Review is carried out at not greater than 12-monthly intervals and addresses, in addition to general matters, the following:   |
|    | <ol> <li>Non-conformance Records</li> <li>Status of corrective actions</li> <li>Management Information trend analysis</li> <li>Follow up actions from earlier Management Reviews</li> <li>The extent to which Quality Objectives have been met</li> <li>Monitoring and measurement results, including audits</li> <li>The effectiveness of actions taken to address risks and opportunities</li> <li>Changes in the external and internal issues that could affect the Quality Management System, including requirements for additional or revised resources</li> <li>The Organisation's Quality Policy, Objectives and goals in order to determine whether they remain relevant to the requirements of customers and management</li> <li>The overall operation of the Organisation's Quality Management System in order to determine its continuing suitability and effectiveness</li> </ol> |

## **QUALITY MANUAL**

| 9.3       | Management Review (continued)  |
|-----------|--|
| 2./       | 11. Opportunities for improvement  |
| continued | 12. The performance of external providers, including any required actions resulting from unsatisfactory performance  |
|           | 13. Staff training and competence requirements   |
|           | 14. Customer satisfaction and feedback from relevant interested parties.   |
| 3.        | The agenda and minutes of Management Reviews are retained in accordance with Section 7.5.3.  |
| 4.        | Management Review is identified as a critical component to ensure the continual improvement of the Quality Management System. The purpose of the reviews is to undertake evaluation of performance to ensure that Quality Management System continues to be: |
|           | <ol> <li>Suitable – does it still fit the Organisation, its operations and culture?</li> <li>Adequate – is it still appropriate and sufficient?</li> </ol>   |
|           | 3. Effective – Does it still achieve the intended outcomes?  |

# **QUALITY MANUAL**

| 10.1          | General  |
|---------------|--|
|               |  |
| Summary<br>of | Opportunities for improvement shall be determined and selected by the Organisation and any   |
| Requirements  | necessary actions to fulfil customer requirements and improve customer satisfaction shall be |
|               | carried out.   |
|               | Included in these are:   |
|               | a) The improvement of products and services to fulfil requirements as well as for addressing |
|               | future needs and expectations  |
|               | b) Correcting, preventing or reducing unwanted effects                                       |
|               | c) The improvement of the performance and effectiveness of the Quality Management            |
|               | System.  |
|               |  |

|    | STATEMENT/PROCEDURE  |
|----|--|
| 1. | The effectiveness of the Quality Management System is continually reviewed and improved through the Management Review process set out in Section 9.3 and by:   |
|    | <ol> <li>The application of the Quality Policy</li> <li>The application of the Quality Objectives</li> <li>Quality Audits</li> <li>Analysis of data</li> <li>Corrective actions</li> <li>The evaluation and treatment of risks and opportunities</li> <li>Circulation of Management Review Minutes.</li> </ol> |

## **QUALITY MANUAL**

| 10.2                          | Non-conformity and corrective action  |
|-------------------------------|---|
| 10.2.1                        |   |
| Summary<br>of<br>Requirements | In the event of a non-conformity, including any resulting from complaints, the Organisation shall do the following:  a) Respond to the non-conformity and, as applicable:  a. Take measures to control and correct it  b. Handle the outcomes.  b) Assess the requirement to act to remove the cause(s) of the non-conformity, to prevent its occurrence or recurrence elsewhere, through:  a. The review and analysis of the non-conformity  b. The determination of the causes of the non-conformity  c. The determination of whether similar non-conformities exist, or could potentially occur.  c) Put any necessary action into practice  d) Review the effectiveness of any corrective action carried out  e) If necessary, update risks and opportunities ascertained at planning stage  f) If necessary, make changes to the Quality Management System |
|                               | Corrective actions shall be appropriate to the effects of the non-conformities in question.   |
| 10.2.2                        |   |
| Summary<br>of                 | Documented information shall be kept as evidence of the following:  |
| Requirements                  | a) The nature of the non-conformities and any actions taken subsequently  |
|                               | b) The results of any corrective action.  |

| STATEMENT/PROCEDURE   |
|---|
| Any activities not meeting the requirements of the Quality Management System are recorded on the Non-conformance Report., along with any corrective actions. Significant instances from the following are included:  1. Customer complaints 2. Delivery issues 3. Supplier issues 4. Administrative errors (including internal Quality Audit findings). |

## **QUALITY MANUAL**

| 10.2 | Non-conformity and corrective action (continued)   |
|------|--|
| 2.   | An investigation is undertaken to determine the cause of each non-conformance.   |
| 3.   | The corrective actions taken to prevent recurrence of non-conformances, and those records and reports generated, are regularly reviewed at Management Reviews in order to identify any trends and to determine the effectiveness of preventive measures taken. |
| 4.   | Revised procedures are developed and implemented as considered appropriate and are reviewed accordingly.   |

# **QUALITY MANUAL**

| 10.3                          | Continual improvement   |
|-------------------------------|---|
| Summary<br>of<br>Requirements | The suitability, adequacy and effectiveness of the Quality Management System shall be continually improved by the Organisation.  The results of analysis and evaluation, and the outputs from Management Review, shall be considered by the Organisation so that any needs or opportunities requiring attention as part of continual improvement may be determined. |

|    | STATEMENT/PROCEDURE   |
|----|---|
| 1. | The Organisation ensures continual improvement of the suitability, adequacy and effectiveness of the Quality Management System by application of the procedures documented in Section 10.1. |