



QUALITY MANUAL
REFERENCE QF-1001
Issued by: D. Charlton
ISSUE 42
A LEVEL 1 DOCUMENT

09/04/2015

Issuing Function: Quality

Subject: Quality Manual

Successive Issues:

Issue	Date	Reason for new issue	Modified pages
42	09.04.15	To add cover after design on Saft Quality Policy	3
41	24.04.14	Amended Saft Quality Policy Mission Statement and to updated organisation structure	3, 13
40	12.03.13	To update organisation structure	13
39	08.11.12	New Quality Policy statement	3
38	13.03.12	Update Organisation structure change and ISO18001	1,2,4,10 & 13
37	11.04.11	To correct Names including H & S Policy and amend Page 13 to Include H & Safety	All
36	27.04.10	To Add Point 7	9
35	01.07.09	Organisation structure change	12
34	28.04.09	Organisation structure change	12
33	20.04.09	References changed to ISO9001 2008	All

Certificate Number FM30836

Scope; Design, development, manufacture or supply of primary and secondary battery technologies. Supply of spares and service where applicable

There are no exclusions

Prepared by: _____ Agreed by: _____ Approved by: _____
T. Collinson T. Collinson T. Collinson
General Manager General. Manager General Manager



QUALITY MANUAL
REFERENCE QF-1001
Issued by: D. Charlton
ISSUE 42
A LEVEL 1 DOCUMENT

09/04/2015

INTRODUCTION

The purpose of this Quality Manual is to demonstrate to our customers, employees, suppliers, stakeholders, the local community and any other interested parties the commitment of SAFT Limited to attain and maintain a world class quality standard.

This manual describes the implementation of a management system compatible with reaching and maintaining this objective.

This manual is the Chief Executive's document, and provides the Quality Policy Statement; an overview of SAFT Limited; its' Quality System; its' products; and it's relationship within the global Saft Group.

The management system described herein encompasses current and anticipated customer requirements, and the quality aspirations of the Company in accordance with the guidelines provided by the SAFT group globally.

The manual details the corporate structure and company organisation required for Quality Management, and the documented systems in place to ensure compliance with BS EN ISO 9001:2008 and ISO 18001 Certification OHS568603



QUALITY MANUAL
REFERENCE QF-1001
Issued by: D. Charlton
ISSUE 42
A LEVEL 1 DOCUMENT

09/04/2015

SAFT QUALITY POLICY

To design, develop and produce battery solutions to provide power and energy to civil and military customers, on time, right first time and profitably.

We are committed to ensuring that Saft becomes and remains the preferred choice of all customers requiring energy and power battery solutions. We will manage our products, processes, people and services by embracing continuous improvement and best practices.



HEALTH & SAFETY POLICY STATEMENT

Of

SAFT LIMITED

GENERAL POLICY STATEMENT

All Health and Safety Regulation will be met in Full:

It is the Policy of the Company that every employee is entitled to work in the safest conditions that are reasonably practicable to maintain.

Management accepts responsibility for ensuring every reasonable effort is made to fulfil this Policy and in particular will promote occupational health, accident prevention, fire protection and safety awareness with employees, those of any Contractors working on Company premises, and any visitor to the Company premises.

To support this Policy the Company is ISO 18001 Certified and will:

By embracing continuous improvement, regular reviews, and best practice will

- i) Provide safe working equipment and, where necessary, personal protection.
- ii) Bring to employee's attention their responsibilities to themselves and other people to work and act safely.
- iii) Provide Information, Instructions and Training to all employees on the nature and degree of risk and control measures taken.
- iv) Liaise with suppliers to ensure that relevant information is available for the safe handling of materials they provide.
- v) Notify employees of any hazards that exist in the course of their work, the reasons for preventative measures that need to be taken and the approved safe methods of work.
- vi) Comply with applicable legal requirements and any changes to regulations as required.
- vii) Control Substances Hazardous to health.
- viii) Ensure that an assessment is made of the health Risk of any work activity involving Hazardous substances.

Particular emphasis will be placed on the training of Managers and Supervisory Staff and Safety Representatives as these persons are highly influential in determining the degree of Safety awareness amongst the employees and for ensuring work is carried out safely. It is important that these groups of people operate for the mutual benefit of all employees.

A Safety Committee exists to ensure that employees have an opportunity to monitor the effectiveness of the implementation of the Company Safety Policy.



QUALITY MANUAL
REFERENCE QF-1001
Issued by: D. Charlton
ISSUE 42
A LEVEL 1 DOCUMENT

09/04/2015

The Company wishes to impress on all employees that without their active co-operation this Policy Statement has no practicable value. Health and Safety protection is an area where all interests are mutual.

SIGNED:
T. Collinson General Manager

DATE:



QUALITY MANUAL
REFERENCE QF-1001
Issued by: D. Charlton
ISSUE 42
A LEVEL 1 DOCUMENT

09/04/2015

EXPORT CONTROL

COMMITMENT TO COMPLIANCE

The success of this company depends, in a large part, on the business we do overseas. Export Controls imposed by the UK Government through the Export Control Act 2002 Regulations affect a proportion of the products we sell and many of our export markets.

The purpose of the controls on export is to limit the supply of technology or strategic goods to countries proscribed, principally for reasons of arms proliferation, terrorism, human rights abuses and security.

We must understand and be aware of the controls and methods of enforcement and be quite sure that we practice good compliance. It is essential that we comply with these regulations, failure to do so will bring serious penalties for the company and for individuals concerned.

These procedures are formulated to address Export Control matters and the responsibilities placed upon departments and individuals. Each of us must be aware of our own role and ensure that no goods or technology are despatched without due consideration and compliant authorisation. The Export Control Administrator in Customer Service Department is responsible for the day-to-day maintenance and adherence of this Code of Practice.

Managers of departments concerned with these procedures, and others as necessary, will receive in-house tailored training on 'Awareness of Export Controls'. Those directly responsible for procedural actions and requirements will also receive detailed in-house tailored training regarding individual roles to ensure the continued success of adherence to our compliance programme.

These procedures are contained within our Quality Management System. You are strongly advised to review the information provided on a regular basis and raise any issues or concerns with your immediate management team member.

SIGNED.....
Tessa Collinson
General Manager



QUALITY MANUAL
REFERENCE QF-1001
Issued by: D. Charlton
ISSUE 42
A LEVEL 1 DOCUMENT

09/04/2015

THE SAFT ORGANISATION

SAFT is the world's leading independent battery systems manufacturer, offering the widest range of electro-chemical technologies from any single supplier.

SAFT is a global organisation selling its products worldwide through its various international business Product Groups (Industrial; Specialty Battery Groups).

SAFT sales and marketing organisations are fully supported by industrial manufacturing facilities in Europe, Asia and North America.

Within the UK, SAFT Limited supports these global activities, and provides full facilities to the sales functions co-located at the company.

SAFT LTD - COMPANY HISTORY

SAFT Ltd. is a British Company with roots reaching back to the original Leclanche dry cell and Edison's rechargeable accumulator. The SAFT base in the United Kingdom was initiated in 1946 when Cadmium Nickel Batteries, (CNB) of Park Royal began as Agent of SAFT France.

In 1969 the Company moved to new premises at Hampton and a year later SAFT (UK) was formed from this company and re-organised in line with the French parent company. In 1971 the Silver Zinc technology was added to the SAFT (UK) capability by the acquisition of Venner Accumulators Ltd., facilitating the supply and manufacture of Primary and Secondary Silver Zinc batteries to Ministry of Defence Standards.

Le Carbone traditional dry batteries were added to the range of products in 1976, in 1987 SAFT (UK) acquired Alcad Ltd., a company manufacturing industrial, vented Ni-Cd batteries, based at Redditch and on 1 July 1991, the company acquired the share of Nife Power Systems Ltd. thus expanding the range of batteries available for sale and adding a range of Power Electronic Products. The Power Systems portfolio was expanded further in August 1995 with the acquisition of Harmer + Simmons Ltd., a specialist manufacturer of chargers for Telecommunications and Motive Power applications, located at Hainault, Essex. The changing requirements of the market have necessitated several rationalisation / reorganisations of the company, the name of which changed to SAFT Limited from 03/02/1998 (known as SAFT Nife Ltd., from 1991 to 1998).



QUALITY MANUAL
REFERENCE QF-1001
Issued by: D. Charlton
ISSUE 42
A LEVEL 1 DOCUMENT

09/04/2015

The company was located at Hainault, Essex and comprised sales, marketing, and application engineering for 3 of the main SAFT product groups (Industrial, Portable and Lithium) as well as full development, design, test and manufacturing facilities for the Lithium and Portable product groups.

After the acquisition of Hawker Eternacell at South Shields in Jan 2001 where three different types of lithium cells were being manufactured, all design, assembly and technical activities of SAFT Ltd's battery business at Hainault were transferred to the South Shields site from where all battery operations of SAFT Ltd in the UK are now carried out.

FACILITIES AND PRODUCTS

SAFT Limited actively seeks stakeholder (customer, employee, and supplier) participation in order to ensure that any battery system solution is tailored to satisfy the customers' needs (explicit or implicit) whether within or outside of existing battery solution designs.

Full resources are available to customer projects during all phases of design, development, pre-production build, and qualification approval, in-service trials and series manufacture. These will include where appropriate product identification and traceability.

Facilities are maintained on site for a wide range of electrical and environmental testing for design and qualification approval purposes.

This manual only relates to the design, development and manufacturing requirements of the Lithium and Rechargeable Battery System Groups' products and associated sales, marketing and support functions within SAFT Limited.

- **Lithium Batteries**

Through its' long standing research and development activities, SAFT has been at the forefront of lithium anode research. This has resulted in SAFT being among the world leaders in lithium based electro-chemistry and the development and mass production of a variety of primary (non-rechargeable) and secondary (rechargeable) lithium cell technologies.



QUALITY MANUAL

REFERENCE QF-1001

Issued by: D. Charlton

ISSUE 42

09/04/2015

A LEVEL 1 DOCUMENT

Due to the high operating voltages, high energy densities, long shelf life and wide operating temperature ranges of lithium systems, each of SAFT's systems exhibit individual and distinctive performance characteristics.

Recent developments include rechargeable Lithium Ion technology, which is increasingly used in telecommunications, computer and military applications. SAFT is committed to continue the pursuit of these new technologies to remain at the forefront of battery technology.

- **Rechargeable Battery Systems**

SAFTs' background in sealed rechargeable Nickel based cell technologies goes back many years, and the company has gained extensive expertise in the design, development and production of both Nickel Cadmium or Nickel Hydride electrochemistries. SAFT remains Europe's' largest manufacturer of these technologies. Cells are available in a range of formats and sizes.



QUALITY MANUAL
REFERENCE QF-1001
Issued by: D. Charlton
ISSUE 42
A LEVEL 1 DOCUMENT

09/04/2015

APPROVALS

System Approvals

Customers and Third Parties on SAFT
BSI 9001 ISO 18001
Under Writers Labs (UL) UL1642
Ministry of Defence
Marconi (M.A.S.D.)
Thales Defence

Product Approvals

Product approvals are held over a wide range of cells and batteries, manufactured and tested by the Company for Military, Civil and Commercial applications.

They vary from advanced technology lithium (all electro-chemical couples), to sealed Nickel Cadmium and Nickel Metal Hydride batteries.

In addition SAFT Group holds many product type approvals against international standards for its cell ranges.



QUALITY MANUAL
REFERENCE QF-1001
Issued by: D. Charlton
ISSUE 42
A LEVEL 1 DOCUMENT

09/04/2015

The company also intends in the future to become certified to the ISO 14001 Environmental management system but as a starting point and a basis for the development towards ISO 14001 below is an environmental statement of intent.

ENVIRONMENT STATEMENT OF INTENT FOR SAFT LIMITED.

Saft Limited. is a lithium battery manufacturer that is based in South Shields, Tyne & Wear. Saft Limited supply specialist lithium batteries to various industrial sectors and provide a complete service from design to final manufacture. We recognize the social and economic importance of environmental protection and the implications of its activities on the local and global environment.

Saft Limited is committed to a continual improvement plan that will cover all areas which may impact on the environment, and will include the following:

- Comply with all relevant statutory and corporate environmental requirements.
- To maintain a continual improvement program for the reduction or prevention of pollution with regard to all work activities that take place on the site.
- To monitor and reduce all pollution at site level and that which may affect the local community.
- To maintain a 3R approach (reduce, reuse, recycle) to create an eco-friendly environment.
- We are committed to working with our suppliers and customers to promote environmental responsibility in order to minimize the impact of materials on the environment.
- Provide a framework for reviewing, setting of environmental objectives and targets.
- Ensure that all appropriate employees are given training in order to comply with environmental requirements and provide them with updated information as corporate, international, national and local regulations change.

Saft will ensure the availability of appropriate resources to implement, maintain and improve their environmental management system at all times. The policy will be communicated to all levels and functions of the organization and will be available to all external parties, which may include the local community and other interested stakeholders.

Waste Battery Policy

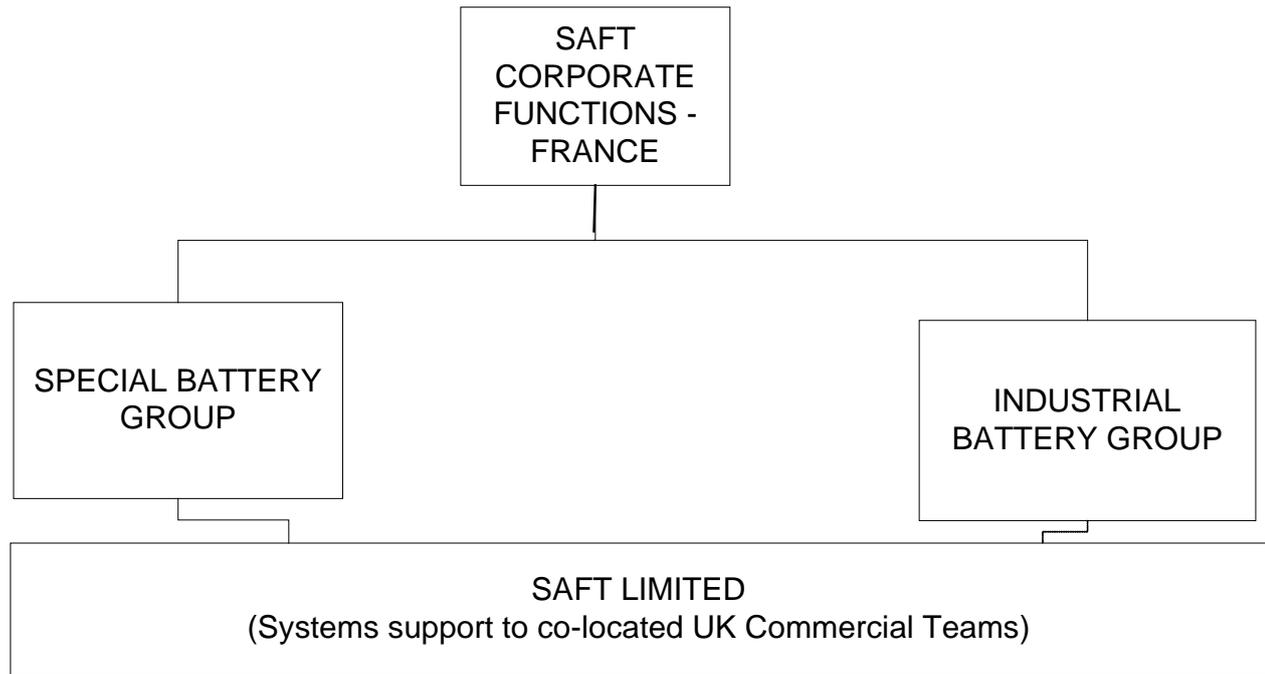
Saft Limited, a manufacturer of industrial lithium primary batteries and a sales agent for several subsidiaries of the Saft Group for other industrial batteries offers to end-users of industrial batteries manufactured by the Saft Group located in the territory of the United Kingdom a take back and recycling service comprised of two different levels of services:

- A compliance service which closely follows the legal requirements spelled out in statutory Instrument 2009/890, which transposes in UK law and the above mentioned directive 2006/66/EC,
- An expedited service which aims at providing a faster take-back.



QUALITY MANUAL
REFERENCE QF-1001
Issued by: D. Charlton
ISSUE 42
A LEVEL 1 DOCUMENT

09/04/2015

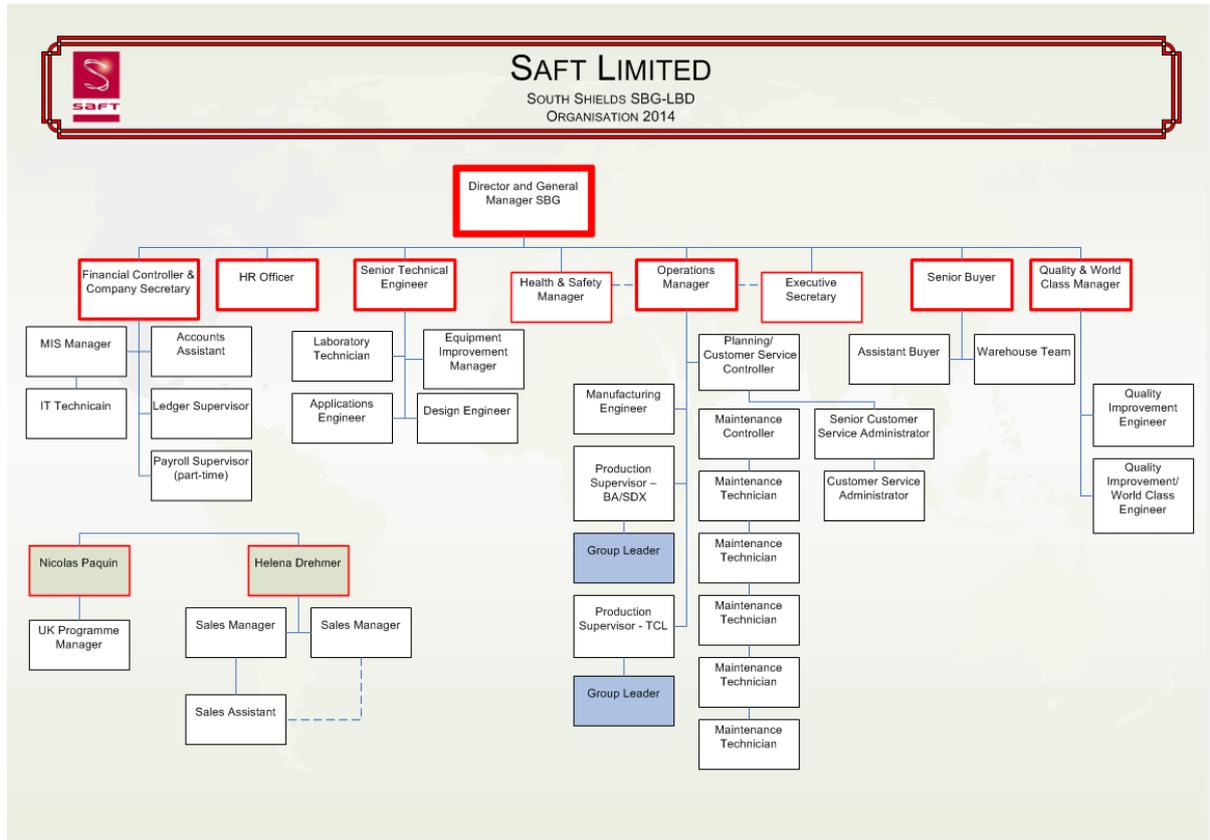


CORPORATE STRUCTURE



QUALITY MANUAL
REFERENCE QF-1001
Issued by: D. Charlton
ISSUE 42
A LEVEL 1 DOCUMENT

09/04/2015





QUALITY MANUAL

REFERENCE QF-1001

Issued by: D. Charlton

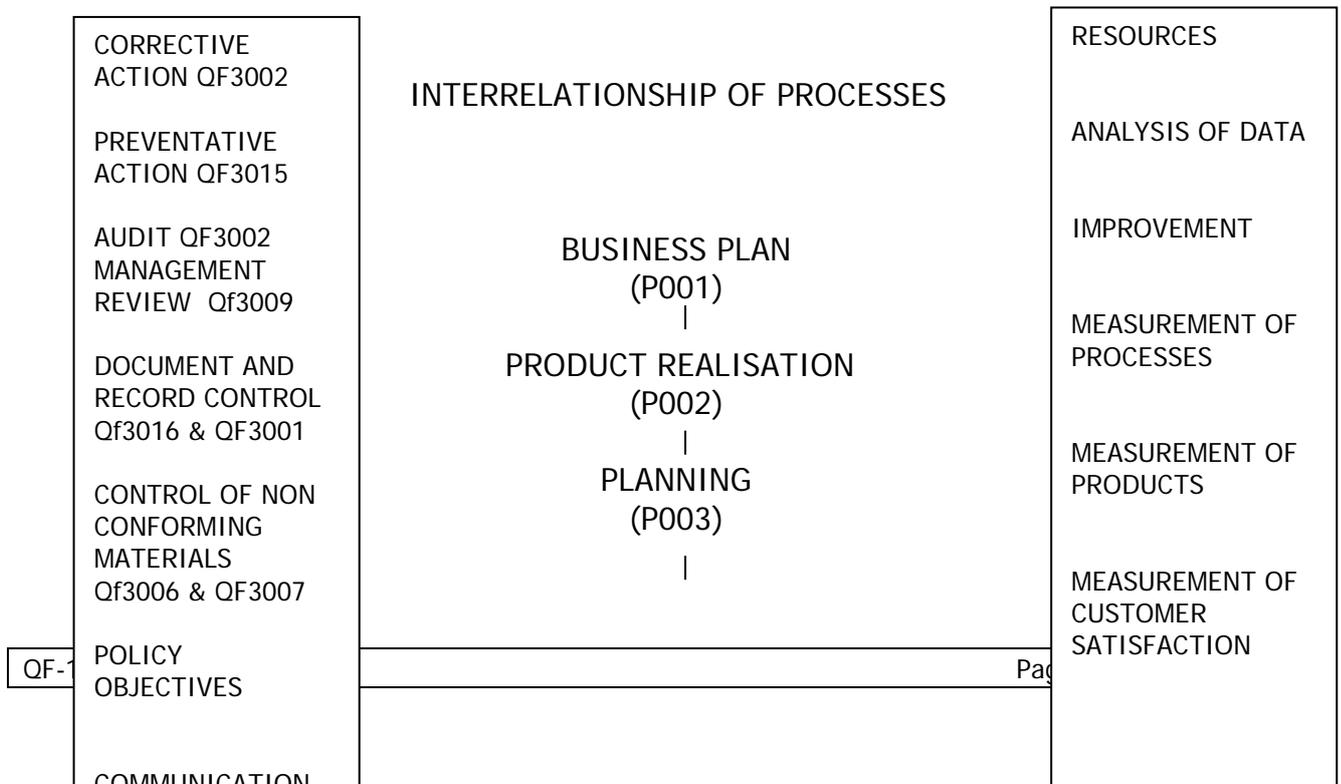
ISSUE 42

09/04/2015

A LEVEL 1 DOCUMENT

SAFT QUALITY PROCEDURES/ISO 9001 IS18001 REQUIREMENTS

The following process flow detail how the company satisfies the requirements of BS EN ISO 9001 2008 to which it is fully committed.





QUALITY MANUAL
REFERENCE QF-1001
Issued by: D. Charlton
ISSUE 42
A LEVEL 1 DOCUMENT

09/04/2015

