Lynd Products Limited

Master Document Prepared

7th April 2025

1. QUALITY STATEMENT STANDARDS

Lynd Products Limited operate an internal quality control system for every aspect of manufacture. The objective is to achieve formal accreditation in the future and to ensure our products are inherently reliable and present no risk to users whilst achieving the design objective correctly.

Where applicable critical measurements used for reference are made with current UKAS traceable & certified references, this applies to temperature, voltage & current

2. QUALITY OBJECTIVES

METRIC / SPECIFICATION	MEASURE
QUALITY CONTROL OBJECTIVES	To ensure product reliability with consistency and identify both electronic and mechanical areas that could be vulnerable.
QUALITY CONTROL STEPS	Full lot traceability and communication with supply chain to identify key components that may not be up to specification.
QUALITY CONTROL RESPONSIBILITIES	All quality monitoring is carried out by Mr Colin Paine, 3 key areas are: Components Supply Chain Finished goods individual evaluation

QUALITY CONTROL DOCUMENTED STANDARDS	All components supplied are recorded and records kept for a 5 year period to allow traceability and periodic evaluation
QUALITY CONTROL TESTING	All finished Incubator products are tested for a minimum of 24 hours and performance is monitored throughout this period with UKAS calibrated reference sources.
QUALITY CONTROL CHANGE PROCESS	Change of supplier or component specification must pass stringent evaluation before incorporation into products.
QUALITY CONTROL KPIs	Product sale and return ratio are the KPI of our quality management, a maximum failure/return rate in the 24-month warranty period must be below 0.01%.
Action.	In the event of failures, a full investigation will be instigated and cause evaluated. Further action as required to correct or re-call the outcome will be initiated and action documented.

3. DELIVERABLES AND PROCESSES SUBJECT TO QUALITY REVIEW

DELIVERABLE OR PROCESS TO REVIEW	DETAILS OF QUALITY REVIEW
Requirements Analysis	To ensure the products deliver correctly the intended use or function within published specification
Test Planning	Established and reliable products are re-assessed annually
Test Design	To run at maximum capacity and establish SOA ratio of 50% minimum.
Test Execution and Defect Reporting	Failure is traced to component level and SOA reviewed

Retesting and Regression Testing	As per Test Design
User Acceptance Testing (UAT)	Objective performance specification achieved
Release Testing	To be completed when above 6 steps are satisfactory.
Action	Design changes are documented and performance monitored.