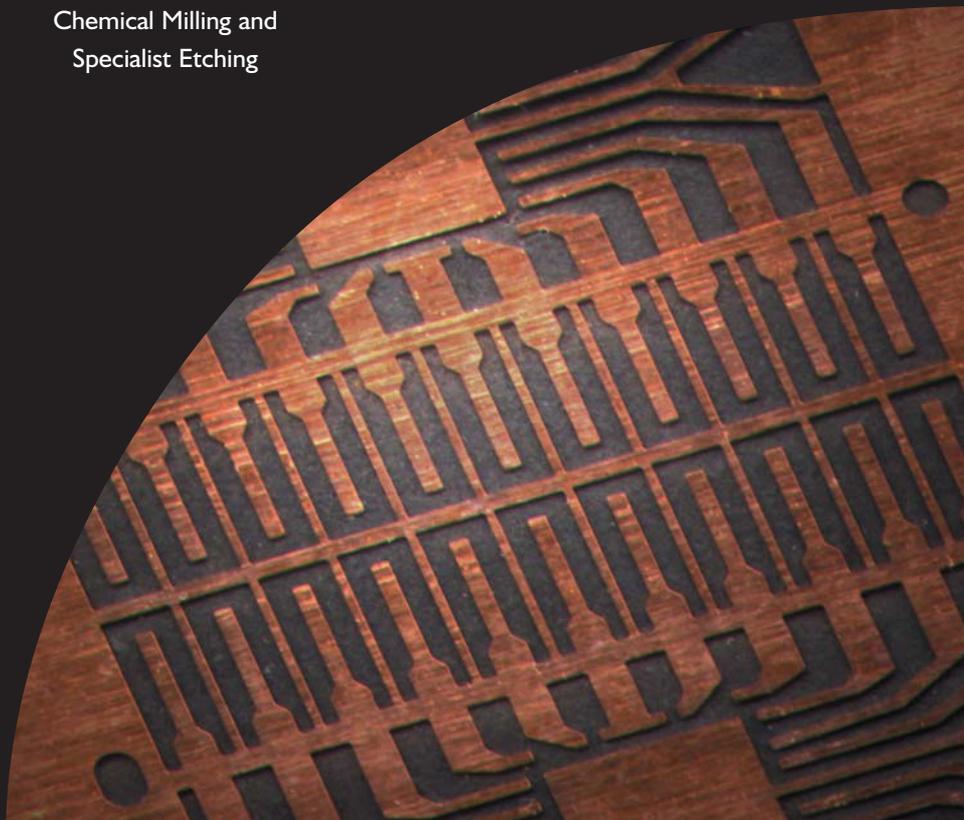
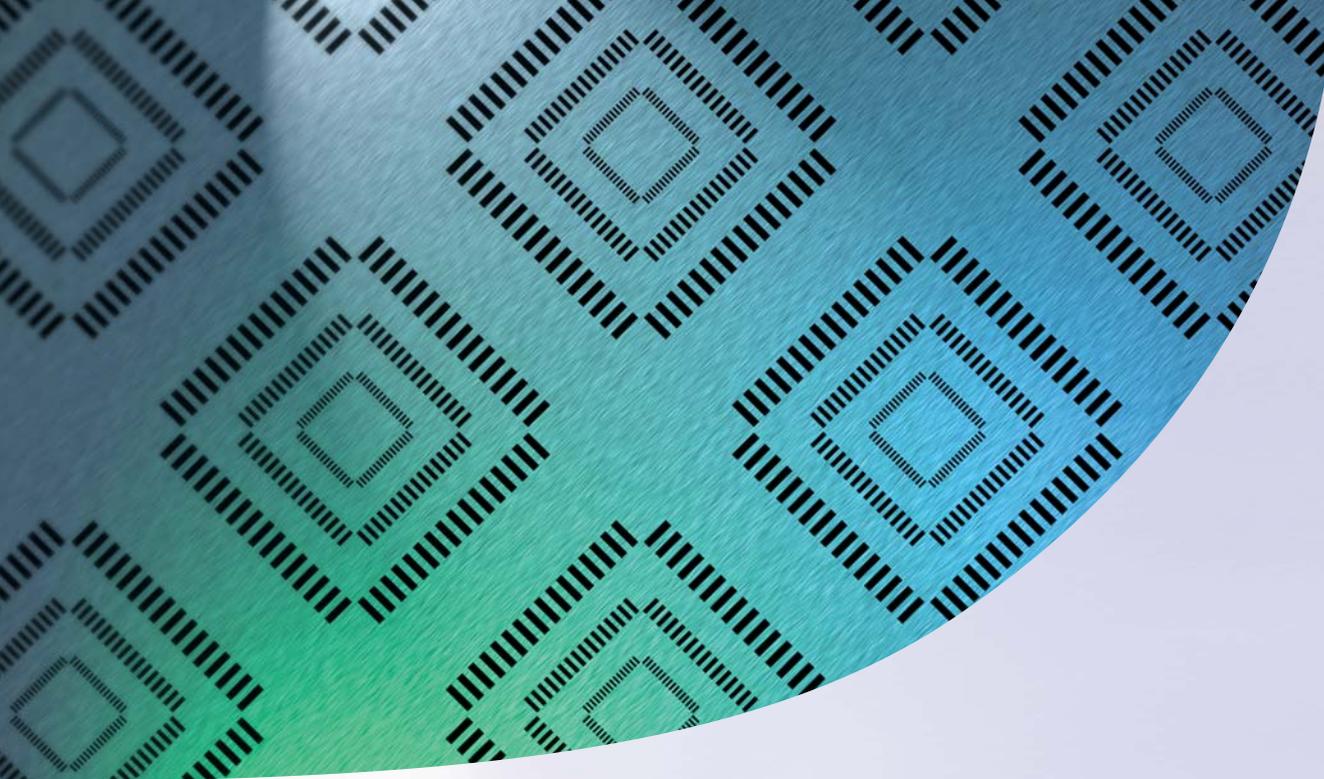


**NEL Technologies Limited**

Chemical Milling and  
Specialist Etching





**N**EL Technologies Limited are a well established specialist etching and chemical milling company in the North East of England and are part of the industrial group, Key-Tech International Limited.

Committed to excellence, innovation, continuous process improvement and environmental protection, NEL provide a flexible, cost-effective service producing quality precision engineered metal components for a wide range of industries world-wide.

#### **A quality service**

NEL offer a full manufacturing service from the preparation of computer aided design artwork and chemically machined metal components through to a fully assembled, quality approved end product. The service can be customised to suit your individual requirements, selecting the specific techniques to match the materials and the component.

Our service is

- cost effective
  - low tool costs give competitive costs
- flexible
  - range of techniques and finishes
  - ferrous and non-ferrous metals and alloys
  - prototype to volume production
- efficient
  - delivery of precision products to deadline

Most of all, we focus on our customer - quality systems to BS EN ISO 9001:2000 are in place

to ensure we meet our aim to manufacture quality products, competitively priced and delivered on schedule.

In all our activities we set, and strive to achieve, quality standards of product and service which will ensure efficient defect-free operation. By doing it right, first time, we ensure the satisfaction of our customers and optimise our own efficiency.

All employees put quality first in all their operational duties and understand its implications and consequences.

#### **Planning quality**

We plan and design our products, processes and services to achieve defect-free operation

#### **Organising quality**

We organise our resources in order to meet requirements first time and adopt a team culture in which efficiency, originality and quality performance is encouraged

#### **Leading quality**

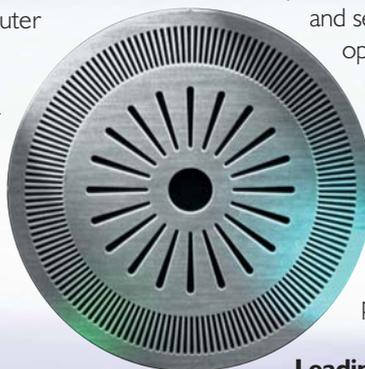
In all our activities we lead by example and in doing so we educate ourselves in order to better understand the requirements of our jobs

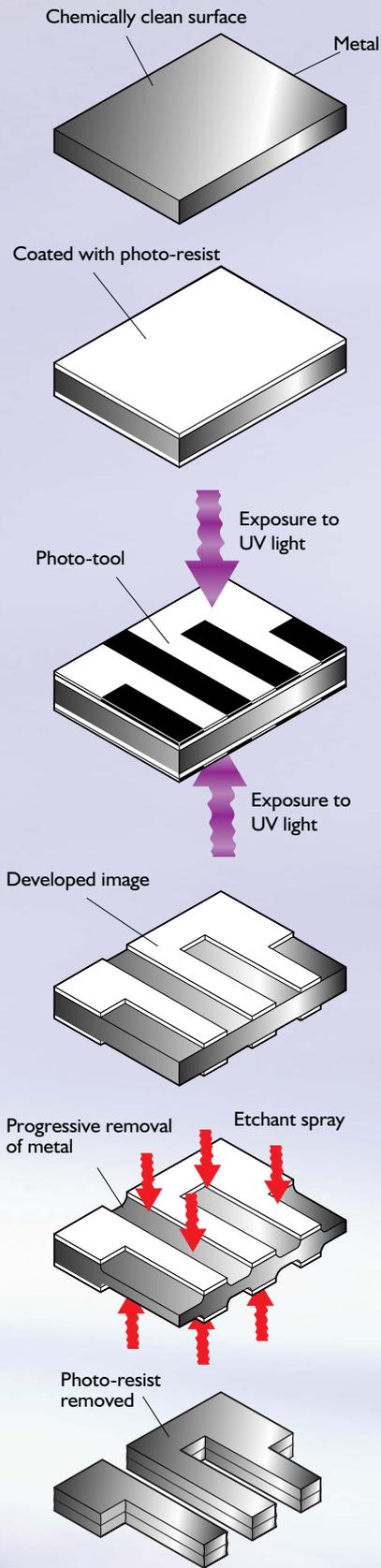
#### **Controlling quality**

We measure our own activities and monitor the materials and services of our suppliers to help improve both their, and our, quality processes

#### **Costing quality**

We invest in quality and strive to reduce the cost of non-quality performance





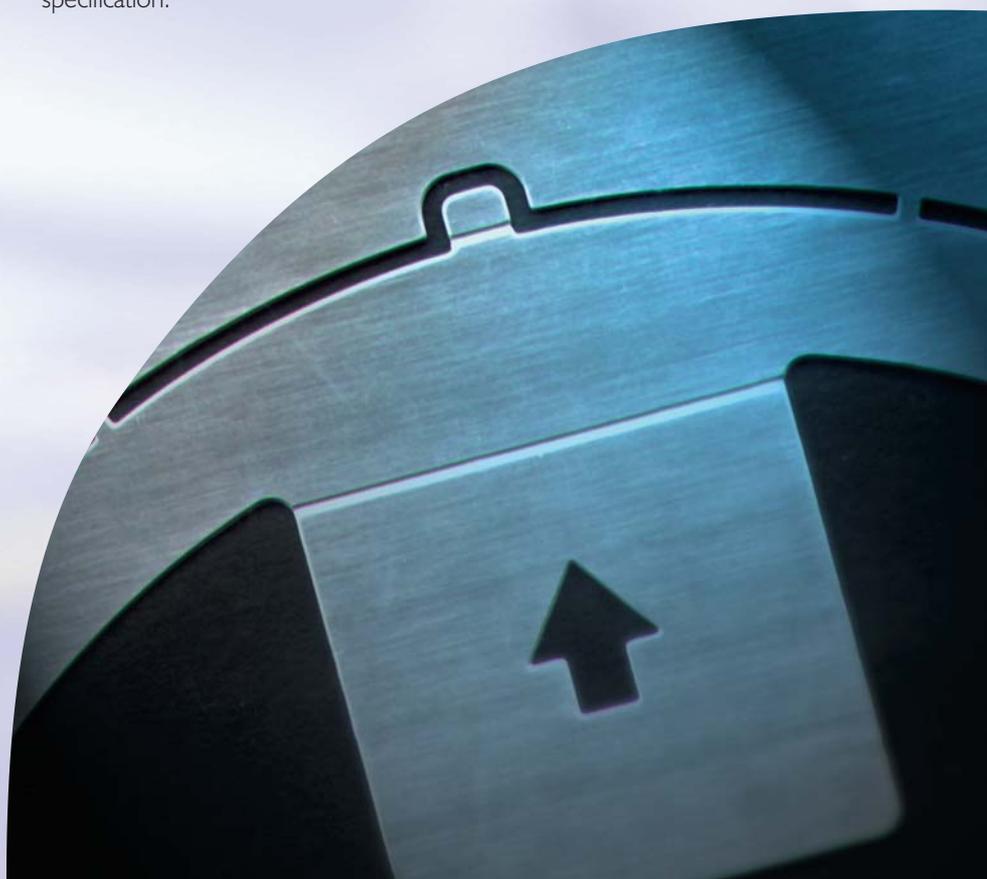
Our manufacturing methods assure the highest quality and fast service. The unique process has low tool-cost, using state of the art CAD generated phototools, giving high dimensional accuracy, controllable and repeatable results. Even the most complex designs can be made to close tolerances, without stress or burrs. We offer high quality, low cost fabrication, ideally suited to both volume production and fast prototyping.

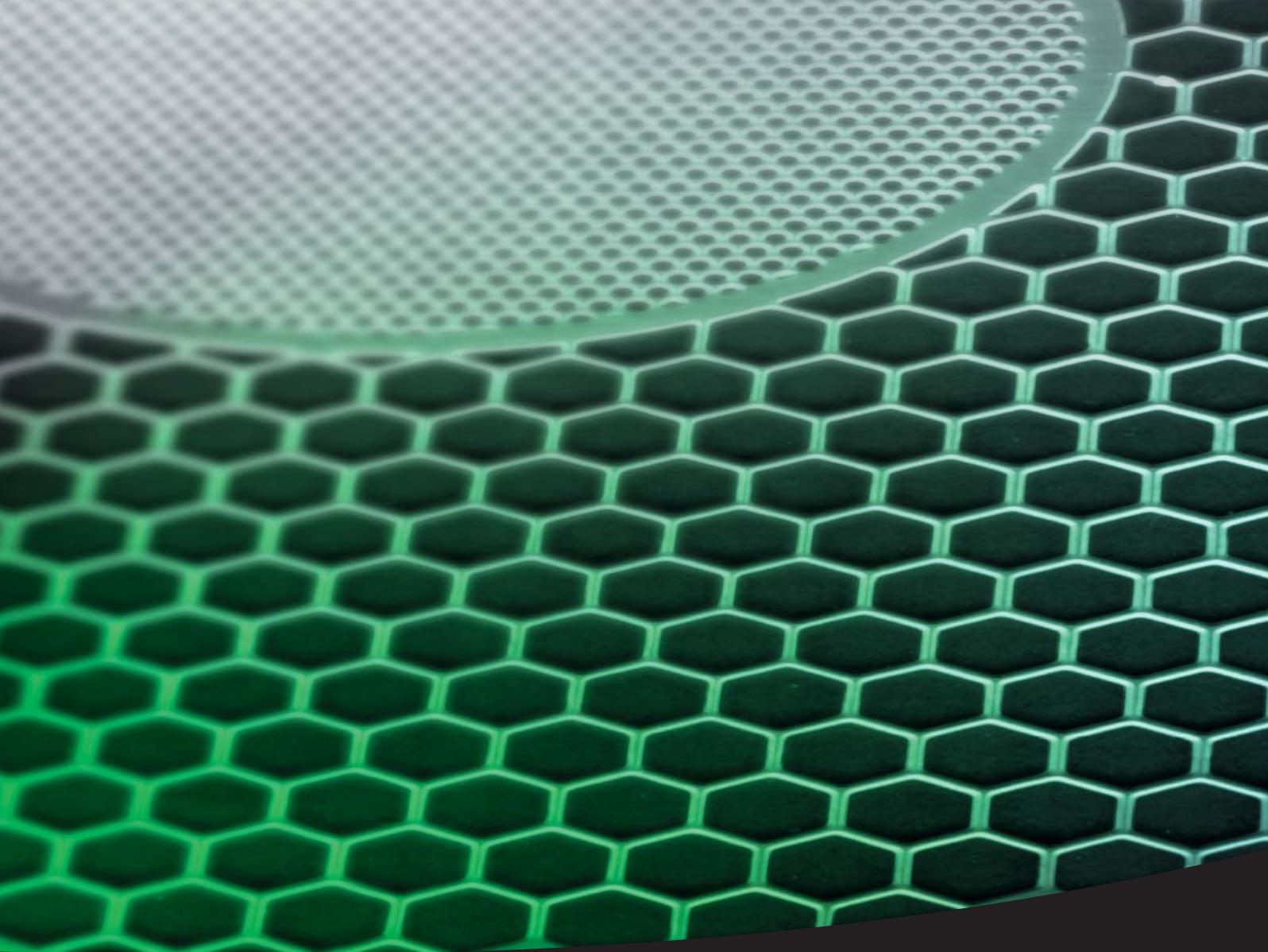
The flexibility of the process means that we can offer a range of techniques depending on the materials and the product, fabricating simple or complex designs. Used widely in electrical and electronic engineering the process can be applied to all other industries utilising most metals and alloys from 0.05mm to 2mm thicknesses.

Typical applications include:

- EMI/RFI screening cans
- SMT solder stencils
- encoder disks
- springs
- connectors
- washers and gaskets
- boxes with fold lines
- heating elements
- contact pins
- leadframes
- actuators
- valve plates
- filter screens
- heat sinks
- perforated plates
- labels

Besides precision metal components and assemblies NEL also offer a range of finishing services - paint, electroplating, heat treatment and forming to high specification.





“NEL operates in areas of advanced technology where innovation is essential yet quality is paramount. We understand this requirement and continually strive to improve our quality performance in all our various activities.

We recognise that the process of quality improvement will be a continuous one and are committed to achieve this improvement through investment in employee education and utilisation of the best manufacturing techniques available.

Only by satisfying our customers' quality needs is the company able to prosper and have a long term future”

**Dr Patrick Ferguson - Managing Director**



**NEL Technologies Limited**

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Certificate No. FM41442 BS EN ISO 9001:2000