

## Aerospace and Defence Approvals and Food and Medical Industry Compliance

### Our Quality Commitment

Poeton are committed to meeting Poeton 'Policy Requirements' and the requirements of our Contractual and Regulatory bodies at minimal overall cost to our customers. 'Continual Improvement' of our service is the responsibility of the whole organisation, as is maintaining the requirements of our British Standards, NADCAP and Customer Approvals

### Aerospace and Defence Industry - Third Party Approvals

Poeton are approved to the following Third Party Quality Systems at their two UK production sites at Cardiff and Gloucester

#### **BSI Registered**

**Poeton (Gloucester) Ltd**

**Standard:** BS EN ISO 9001:2008 (Including SBAC AS 9100)

**Number:** Certification No. FM.24657



**Poeton (Cardiff) Ltd**

**Standard:** BS EN ISO 9001:2008 (Including SBAC AS 9100)

**Number:** Certification No. FM 22575

#### **Nadcap Accreditation**

**Poeton (Gloucester) Ltd**

**Standard:** AS7109 Coatings (Thermal Spray) & AS7108 (Chemical processing)

**Certificate Number:** 109401-A & 109332



**Poeton (Cardiff) Ltd**

**Standard:** NDT (PT & MT) and chemical processing

**Certificate Number:** 109356

### Our Customer Account Approvals

- ABB Group
- Aerea SPA
- Agusta Westlands
- Airbus UK
- APPH Ltd
- Applied Materials
- BAE Systems
- Cobham Mission Systems
- Doncaster Aerospace
- Dowty Aerospace
- Dunlop Braking Systems
- EADS

- Claverham Ltd
- Flight Refuelling
- Gardner Aerospace
- GE Aerospace
- Goodrich Actuation Systems
- Hamilton Sunstrand Aerospace
- Honeywell Aerospace
- Honeywell Turbochargers
- Liebherr
- Magellan Aerospace
- Meggitt Control Systems
- Messier Dowty

- Moog (Wolverhampton)
- Premium Aerotech GmbH
- Rolls Royce Deutschland
- Rolls Royce Plc
- SAAB AB, Electronic Defence Systems
- Secondo Mona SPA
- Schrader Electronics
- Tetra Pak
- Trelleborg
- Turbomeca
- UAV Engines

## Poeton Quality Systems

The Quality System is fully documented in the Company Quality Manuals and is supported by documented instructions and procedures for calibration, processing and inspection.

### Process Control & R & D

All process solutions are maintained by our well-equipped Process Control Laboratory in accordance with documented procedures. All records of solution analysis and additions are retained. Our Laboratory is equipped with an Atomic Absorption Spectrometer, a M.A.R.S Image Analysis facility, a Micro Hardness Tester and a Salt Mist Corrosion Cabinet.

We also have a purpose built Research & Coating Development facility, (which is now included in our new ISO 9001 2008 BSI scope of registration) and can test and approve coatings for different applications, against a variety of counterface materials. We have the ability to mock up small-scale process lines to trial and test processes and pre-treatments and conduct wear, abrasion, corrosion, hardness and thickness tests as applicable.

### Inspection

Inspection of components is carried out at all stages of production by operators and Quality Engineers. Uniquely numbered Inspection Stamps are issued to authorised personnel. A log is kept of the allocation, date of issue and withdrawal of Inspection Stamps.

### Inspection Equipment

A wide range of Inspection and measuring equipment is available, including a c.n.c. co-ordinate measuring machine, internal and external micrometers, electronic height gauges and electronic thickness gauges. All items are calibrated in accordance with controlled procedures. Master Standards are fully traceable to National Standards as appropriate.

### Specifications

A wide range of specifications (700+) covering surface coatings are held, including British Standards, Defence Standards, AMS and MIL Standards.

### Production Records

A Process Job Card/Routing system is in use with a unique Works Order Number. This is used to record details of the process carried out, including pre-treatments and associated heat-treatments, and the results of inspection carried out.

### Records

Records are retained indefinitely for all aerospace related contracts, or in line with specific customer requirements.

### Drawings

It is not the company's policy to retain component drawings. We request that drawings are sent with each order. If requested, these will be returned on completion.

### Quality Audits

Internal quality systems audits are carried out on a planned basis in accordance with documented procedures.

### Access

We will accept visits/audits by Accreditation Bodies and OEM Quality Auditors by prior arrangement, but please note that access to certain areas containing confidential proprietary processes is restricted, pending authorisation from the Managing Director.

### Certificates of Conformity

Certificates of Conformity (Release Certificates) can be issued if so requested on the Purchase Order.

## 2 Medical and Food Industry - FDA Compliance

Many of the Poeton Apticote coatings are sold with the understanding that they will come into contact with food or medical products. In order to ensure that these coatings are compliant with the relevant FDA and USDA Standards, we establish traceability and documents of approval from our material suppliers and our licensors

### FDA Compliant Poeton Apticote Coatings

- **Apticote 200C** (Non-stick polymer)
- **Apticote 200E** (Wear resistant polymer)
- **Apticote 200G** (Non-stick polymer)
- **Apticote 200N** (Non-stick polymer)
- **Apticote 300N** (Hard anodic coating)
- **Apticote 300W** (Hard anodic coating)
- **Apticote 300M** (Hard, thick anodic coating)
- **Apticote 350F** (Hard anodic/polymer composite)
- **Apticote 350R** (Hard anodic/polymer composite)
- **Apticote 356** (Hard anodic/polymer composite)
- **Apticote 370G** (Hard anodic/polymer composite)
- **Apticote 460C** (Electroless nickel/polymer composite)
- **Apticote 460G** (Electroless nickel/polymer composite)
- **Apticote 460M** (Electroless nickel/polymer composite)
- **Apticote 460M2** (Electroless nickel/polymer composite)
- **Apticote 470E** (Electroless nickel/polymer composite)
- **Apticote 600** (Silver plating)
- **Apticote 810TP** (Ceramic/polymer non-stick composite)
- **Apticote 810MN** (Ceramic/polymer non-stick composite)



**Poeton Industries Ltd,**  
Eastern Avenue,  
Gloucester, GL4 3DN

**NADCAP Accreditation** is held by Poeton Industries Ltd with Poeton (Gloucester) Ltd Accredited for Plasma Spray (coatings) and Chemical processing, and Poeton (Cardiff) Ltd Accredited for Chemical Processing and NDT

**For more information, please contact our Sales or Technical Department, (44) 1452 300 500, [info@poeton.co.uk](mailto:info@poeton.co.uk)**