

GSK Worthing Penicillins Business Unit

Excellence, Partnership, Passion



Introduction

The GSK Worthing site is located close to the sea on the south coast of England about 60 miles (100Km) south of London.



The site is capable of supplying sterile bulk penicillins, APIs and specified solid dose and powder fill intermediates, and provides supply to both GSK markets around the world, and to third party businesses.

Key capabilities

The Worthing site carries out all stages of penicillins manufacture from API through to packaging.

- **Primary manufacturing:** Plant capability exists for medium to large scale fermentations (including GMOs), whole broth extractions and purification, isolation and drying. The site also deals with catalytic enzyme purification and immobilisation.
- **Bulk sterile manufacturing:** The site has two dry blend powder operations one sterile precipitation line and one spray drier line. The site also carries out aseptic vial filling and packaging of penicillin vials for human intravenous use, as well as filling and packaging a range of products. It has multishot filling machines that can fill a range of vial sizes. The packaging area includes a fully automated line with a capability of 450 vials per minute.
- **Oral manufacturing:** The site manufactures a range of co-amoxiclav dose forms, including tablets and dry suspensions.

Regulatory Approvals

GSK Worthing is a global supply site and thus maintains global regulatory approvals including MHRA and FDA (injectibles). Worthing supplies products to more than 120 markets in: The Americas, Africa, Asia, Australasia and Europe.

Operations are compliant with all relevant cGMP requirements.



Overview

The Worthing site was established to manufacture (primary and secondary) penicillin products and remains at the forefront of developments in this field of pharmaceuticals.

Worthing was the original home of GSK's Augmentin antibiotic and this product – in all its forms – today accounts for around 70% of the site's output.

In response to increasing competition in antibiotics, Worthing has implemented lean manufacturing techniques and the site is very efficient whilst retaining the absolute need for the highest levels of quality throughout all of the manufacturing and distribution activities.



Worthing – the Home of Augmentin