



THE CLIENT


Vectura – experts in formulation science, device technology and inhaled medicines. Since launch, they have generated \$11 billion in sales and in 2020 these products were used by 10 million patients worldwide.

THE STORY

This new facility was built in an existing building. The whole structure was totally self-supporting by using a specially designed steel mezzanine. The room fabric consisted of a cleanroom partition system, walk-on type ceiling with wall/ceiling and wall/wall coving, vinyl flooring, with a fully equipped changing room.

The facility was designed as class C GMP turbulent flow with localised class A GMP powder control booths. The powder control booths were stainless steel. The pressure



£900k 
Project Value Chippenham

regime was designed so that process rooms were kept at a negative pressure to the main corridor to help prevent cross contamination.

The whole facility was designed to save on running costs and therefore used re-circulated air. This air passes through a bank of safe change HEPA filters before it passed back to the AHU for re-use.

Services included a compressed air system c/w pipework, nitrogen pipework and DI water pipework.

Air conditioning consisted of an air handling unit, chiller, chilled water pipework, humidifiers and controls (to meet industry standard 21 CFR part 11) to achieve the design criteria. This was mounted on the mezzanine.

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From About on vectura.com...

Our partners have succeeded in bringing DPI, pMDI and nebuliser medicines to market with the help of our specialist capabilities.

Our combination of formulation science, device technology and inhaled development expertise has contributed to the success of 13 inhaled medicines, launched by our partners and licensees.

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PHARMACEUTICAL DEVELOPMENT SUITE



Cleanroom
solutions

CLIENT CASE STUDY

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THE RESULT

From the customer's various user requirement documents, a detailed validation procedure was produced and agreed, including DQ, IQ, OQ. The room was approved by the MHRA. Cleanroom Solutions Director Jan Pyrgies said: "It was a pleasure to deliver such a complex build that was also economical – a huge well done to all the team for their efforts on this excellent project."

