

**B****E****S**

## CASE STUDY NO 53

### Tablet Manufacturing Facility

- Full Turnkey Delivery
- Project Value: £4 m
- 20 Week Programme
- Detailed Planning
- Mock Up Room
- Fully Validated

Complex refurbishment of an existing Tablet Manufacturing Facility within a 20 week shutdown. The construction, commissioning and validation were successfully completed to allow the plant to return to full production on time.

BES were engaged to carry out the full Design, Construction, Commissioning and Validation of this existing Tablet Manufacturing Facility. Due to the demand for the product, a limited shutdown period was available to carry out the works. Detailed design and construction planning was necessary to ensure that the works were complete, commissioned and validated in just a 20 week shutdown period.

To ensure the construction works were carried out within the finite time frame, extensive planning and preparation works were carried out, including construction of a 'Mock-Up' room, which was used to check construction sequence and timings, along with material standards.

Prior to the main shutdown, a 12 week period was utilised to allow unobtrusive works to be carried out within plantrooms and voids. All this work involved careful planning to ensure minimal disruption to the fully operational facility.

All HVAC systems were either refurbished or replaced, including new steam and condensate system, heating system, validated purified water distribution system, ventilation systems, House Vac system and trade water. The facility was designed to meet EUGMP Class D standards.

All existing ceilings were replaced, a new whiterock finish was applied to the existing GRP walls and new resin flooring was laid.



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**Exceeding Expectations**

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