



Project Highlight: From Dream to Reality Ortiv-Q3 - Pioneer in Research



Location
Gujarat, India

Industry
Testing Research Laboratory

Website
ortiv sotax

Company Type
Joint Venture With Sotax

50 +
Employees

20+
Services

Ortiv – Q3 which is a joint venture with SOTAX Pharma is a leading Research laboratory Company having expertise and knowledge to assist global pharmaceutical companies with their dissolution and release testing needs for different dosage forms. Company is expert in vitro dissolution testing and can find the best method for various products, such as APIs, tablets, implants, semi solids, and many other products.

Pillars of Ortiv-Q3

Dr. Mukesh Kumar and Ashish Gupta are experienced professionals leading Ortiv with vast experience in pharmaceutical development. Dr. Kumar specializes in injectable and ophthalmic dosage forms, reverse engineering, and formulation scale-up for regulated markets. Ashish Gupta brings extensive expertise in Analytical R&D, focusing on complex formulations, method development, and validation. Their combined knowledge drives Ortiv's success in delivering cutting-edge, value-added services to clients across global markets.



Expanding Portfolio Capabilities

Ortiv-Q3 is recognised for its extensive expertise in pharmaceutical services, providing advanced solutions in API screening, solubility studies, and method development. Their capabilities span in-vitro release testing (IVRT), in-vitro permeation testing (IVPT), Q3 characterization, and IVIVC modeling, crucial for formulation development and bioequivalency assessments. Additionally, Ortiv excels in reverse engineering, analytical method automation, and cleaning validation, supporting the development and approval of complex pharmaceutical products for regulated markets.

Further the founders wanted to offer customers Formulation & Development services so they decided to expand their lab by leasing the additional space on the same floor. As Ortiv-Q3 is a small to midsize organisation they decided to do the Turnkey approach for the upcoming lab. For which Brinda Pharma Technologies was invited to participate. Brinda Pharma Technologies worked with the founders when they were in their previous organisation to build the lab. So we were the preferred participant to do the lab expansion project.

“
The Ortiv-Q3 leadership team brings decades of laboratory and management experience from various industries together. These diverse backgrounds help Ortiv-Q3 evolve along with technology and continue providing value-added services to its clients.

Dr. Mukesh Kumar & Mr. Ashish Gupta Founders

Working with Consultant

Ortiv-Q3 appointed an External Consultant Mr. RJ Shah, He has a rich experience in consulting various pharmaceutical companies in the industry. Whether it's a greenfield or a brownfield project he can guide companies to the achieve the specific goals.

Mr. RJ Shah shared the conceptual design of the laboratory by utilising the available space and keeping the regulations in mind. Brinda Pharma Technologies did the detailed design of the entire lab for the execution. After finalisation of design and key requirements we submitted the Turnkey Proposal for the entire laboratory. Brinda Pharma Technologies worked closely with the consultant to turn the founder's vision into a reality.

Requirement of New R&D Lab

As we previously mentioned Dhanuka is heavily investing on R&D to improve existing products and make new products.

To build such a modern R&D lab, the company began its activities to find a space in order to accommodate new R&D lab. Brinda Pharma Technologies were invited to discuss the project.

Brinda Pharma Technologies has been partner of Dhanuka in building laboratories for a long time. Brinda Pharma Technologies has previously built the state of the art QC lab for Dhanuka in its Dahej Plant which is also company's largest plant till date.

The Challenge

As it was a brownfield project, so many things has to in consideration like existing setup, space, as well as retro fitting existing setup into new one to minimise the costs and better sustainability.

The Solution

Brinda Pharma Technologies started the project by making the list of available items which can be used in the expansion and further aligned the same in the design along with new products. The detailed designing was a key part in order to build the laboratory.

“
We would like to express our gratitude for Completing the Formulation and Development (F&D) Laboratory Project Construction on a Turnkey Basis in accordance with the project requirements and timelines as per the agreement. We would like to express our heartfelt appreciation and acknowledge the quality work done by the entire team.

Dr. Mukesh Kumar Founder

Products & Services Offered

Brinda Pharma Technologies completed the project by turning the founder's vision into the reality. Working closely with a consultant appointed by Ortiv-Q3, we prepared a detailed engineering drawing. Throughout the process, Brinda Pharma Technologies had Single Point of Contact (SPoC) approach for effective communication with client.

Clean Room Partition: As it was a brownfield project we had to utilise some of the existing partitions along with new ones to minimise the cost for client.

Office Glass Partition: New lab would also require the office for the employees we did the entire glass partition system which gave the lab a very rich look.

Modular Ceiling: We proposed the cost effective ceiling solution which was 2x2 modular grid ceiling for the entire lab.

Laboratory Furniture: We designed customized laboratory furniture to meet the project's unique requirements, including ergonomics, safety, and efficient workflow. Furniture included cabinets, work benches, reagent racks, anti vibration table.

Fume Hood Systems: Standard were installed, without any automation systems to minimise the costs.

Bio Safety Cabinet: For the critical formulation & development a Class II-A2 bio safety cabinet was supplied and installed.



Conclusion

Ortiv-Q3's project successfully delivers comprehensive solutions for pharmaceutical formulation and development. By integrating advanced laboratory design, expert engineering, and turnkey execution, Ortiv ensures that every aspect of the new facility meets the highest industry standards.

We at Brinda Pharma Technologies build labs for every purpose and every industry.