



BAKER HUGHES/ POLYFLOW MANUFACTURING PLANT

■ SAUDI ARABIA, KSA

Infinity worked alongside Energy Architecture on Phase One of the Baker Hughes/PolyFlow Manufacturing Plant at the King Salman Energy Park in Saudi Arabia. The two-story building, in-design, will be comprised of office space, warehouse space, maintenance area, a guard shack, QAQC R&R space, advanced manufacturing laboratory, and a space for chillers.

The team cohesively to provide designs that would fulfill the needs of the facility while also bearing in mind the regional factors that would impact the design. The mechanical system for the warehouse space, for instance, was fully conditioned to counter the high temperatures in the region. Plumbing system considerations were also made in order to ensure that the water in the facility met regional religious standards of clean water.

The entire facility was designed to meet Baker Hughes internal design standards. The Infinity MEP team works stringently to ensure that our clients receive the highest standard of service taking regional and geographical differences into mind when providing our designs. Coordination with the architect and owner was critical to the success of the project moving forward on schedule and on budget.

PROJECT DETAILS

CLIENT: Baker Hughes

ARCHITECT: Energy Architecture

SIZE:

- 130,889 SF Warehouse
- 32,356 SF Office
- 9,095 SF AM Laboratory
- 3,810 SF QAQC R&R
- 3,143 SF Chillers
- 3,100 SF Maintenance
- 904 SF Guard Shack

SERVICES:

- Mechanical Design
- Electrical Design
- Plumbing Design

SIGNIFICANT PROJECT FEATURES:

- International Coordination
- AM Laboratory