

# Khaled University HVAC Plant Room

King Khaled University is a public university which contains multiple colleges, and is located in Abha, a city located in the southwest of Saudi Arabia. The expansion project of King Khaled University required big & extra strong pipes of up to 48" for their Chilled Water System, HVAC Plant Room, and AC system. Using Shurjoint Roll Grooved Fittings in combination with Ring Joint Fittings has been made the job faster and easier.

The Ring Joint Fittings were used on 14" pipes and above as the processing of roll grooves or welding on the thickness of the pipes up to 48" dia. Schedule XS (extra strong) can be difficult and requires the proper tools and equipment.

Shurjoint was chosen for this project because Ring Joint Systems are the best option for projects above 14" other than grooved Manufacturer. The contractor is also very satisfied that all the Hydro testing is completed at one time.

Shurjoint R-88 couplings, RJ fittings and flange adapters (RJ-10, RJ-11, RJ-21, RJ-50, RJ-60, RJ-70) were utilized in this project. The sizes involved were 12", 18", 20", 32", and 36".

The roll grooved fittings were also approved by the contractors as they also took into consideration the expansion and contraction of the pipes that can be easily handled by a Grooved system.



## location

Abha, Kingdom of Saudi Arabia



## year

2009

## application

HVAC

## productline

VSH Shurjoint

## architect

Industry