

Case Study of Spiral Pipe Construction in a Panama Computer Room

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This comparative study followed the previous researches carried out on the SPGHE; the spiral configuration functioned more efficiently than the straight pipe configuration.

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Spiral steel pipe or spiral welded pipe are other terms for spiral pipe. Steel strip coil is used as the raw material, then extruded at room temperature and welded using an automatic double wire double ...

A spiral pipe, also known as a spiral welded pipe or helical seam pipe, is made by rolling a steel coil at an angle and welding the seam continuously along the spiral.

This study deals with global best algorithm based thermal design of spiral heat exchangers and heat pipes. Spiral heat exchangers are devices which are highly efficient in extremely dirty and ...

A piping system comprised of 8-inch schedule 40 steel pipe (ASTM A53, Grade B, Type E) with welded joints and fittings was used to create chilled water supply and return pipe loops ...

Pex, another type of plastic pipe, is commonly used in data centers, especially within water-based cooling systems. Pex is resistant to corrosion and typically uses mechanical ...

Spiral pipe manufacturing is a process of creating pipes using a helical seam. The process involves forming a continuous helical seam along the length of the pipe using specialized ...

A leading semiconductor manufacturer undertook the construction of a \$40+ billion advanced fabrication facility, requiring extensive large-bore piping systems ranging from NPS 20" to 64".

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The production of spiral welded pipe follows one of the two process routes commonly referred to as "one-step" and "two-step". In both routes, the steel coil, known as "skelp", is unwound ...

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