

Company Wide Best Practices

Elliptical Pipe 3EB Handling Beam

Description

Beam and tackle used to lift and set elliptical pipe into a three edge bearing frame. designed and built to be low profile and safe.

Project Initiation

It is common to roll round pipe into position on a three edge bearing test frame as the pipe cannot be lifted from the end as normally done without the frame of the testing setup being in the way. However, as elliptical pipe cannot be rolled, and also cannot be loaded from the end or underneath, we needed a way to carry the product into the frame, as well as straighten it out and set it into position. This handling beam was developed to accomplish this.

Project Benefits

This tool has allowed us to load elliptical pipe in a more controlled way, ensuring the accuracy of the test and that the rubber bearing strips are not altered during loading by sliding or shifting a pipe to get it straight and centered, as well as being a safer way to load this style pipe.

