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The survey and alignment of China Spallation Neutron Source

This report presents the status alignment of DTL(drift tube linac) at CSNS (China Spallation Neutron Source). The DTL for CSNS consists of 12 tanks. A unit tank was made up of 3 tanks. The fiducialization of cavity and drift tube of the DTL had already been accomplished. The total of 153 drift tubes had been installed and aligned precisely in the DTL tank. The first and second unit tank had already been fine aligned and successfully connected by using a laser tracker along with the cavity installation in the tunnel.

Summary

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