

## Electrical Joggles for the WTP facility



MCE was contracted by Bechtel National, Inc. to build 2-inch and 3-inch stainless steel conduit assemblies (joggles) for the Hanford Waste Treatment Plant.

The joggles will be used as protective cable sleeves for horizontally installed poured-in-place concrete penetrations.

The required configuration did not afford the required length for the conduit bender from the end of the conduit to the center of the bends.

As a result, MCE proposed an alternate method that involved machining the threads out of the coupling (half-way through), drilling and tapping four setscrews equally spaced around the circumference of the coupling, and securing the coupling to the unthreaded conduit ends with the setscrews.

The coupling remained threaded on the “outside” ends to provide attachment for the cable strain relief devices.

**Bechtel National, Inc.**