



Another Upgrade and Refurbishment of a HP Turbine Cylinder Closure System by Boltight

Another HP Turbine Closure Systems comprising 42 hydraulic nuts has been refurbished by Boltight. Here 18 off M100, 4 off M90, 16 off M72 and 4 off M64 nuts from a coal fired Power Station have been refurbished. Boltight also serviced the high pressure flexible hoses and quick connectors.

Before return to the station the nuts and hydraulic hoses were extensively pressure tested. A test certificate was issued along with a new maintenance instruction manual. The whole system was then packed in a custom built transportation and storage box.

These nuts operate at 30,000 psi (2069 bar)



Hydraulic nuts after refurbishment by Boltight

The refurbished nuts were fitted with the latest Boltight composite seal and a new piston. All of the quick connect nipples adaptors and high pressure plugs were replaced. Previously the customer had experienced seal leakage and piston jamming due to seal extrusion.

When the new pistons and seals were fitted, the piston jamming and seal extrusion was eliminated and the effort required to return the piston was greatly reduced. The reliability was improved, the leakage problems ceased and the nuts now work better than when they were new.

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HYDRAULIC BOLT TENSIONING
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