



Repair of Diverter Valve Saves More Than 90% Of the Replacement Cost!

ENECON's International Engineering Team, based in Singapore, completed a rebuilding work of a 3-way diverter valve for one of the local power stations. The valve was badly corroded and the thread for the 3 ports (near the flange) were badly worn and/or damaged. The rebuilding work involved 3 different processes.

1. Re-welded and re-threaded the 3 ports.
2. The port O-ring sleeves were undercut and rebuilt with DurAlloy and machined to tolerance.
3. The entire internal surface was protected with CeramAlloy CL+.

The power plant engineer said that to replace the valve would cost about \$35,000. The ENECON repair cost the power station only \$3,000.

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ENECON Corporation

Dear Mike,

We have just completed a rebuilding work of a 3-way diverter valve for one of our power station. The valve was badly corroded and the thread for the 3 ports (near the flange) were badly worn and/or damaged. The rebuilding work involves 3 different process.

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2. The port O-ring sleeve were undercut and rebuild with DurAlloy and machine to tolerance.
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I was told by the engineer that to replace a new valve will cost around S\$35,000.00 (US\$23,000.00). The repair and rebuilding cost the power station only S\$3,300.00 (US\$2,170.00). They will monitor the performance of our materials and proceed to have all their diverter valve protected with our CeramAlloy CL+ if it is able to protected the valve. (which I am very sure we can)

Attached copies of photographs and tender specification for your perusal.

Best regards



JEFFREY KOH