



EXOTIC

AUTOMATION & SUPPLY

Ensuring Production Safety with Hydraulic Safety Valves

Problem

Corporate had placed a new spec on safety regarding this specific area for the plant. It is a giant walking beam moving extremely hot steel rolls from one location to another. A few times every shift, a production operator must go into an area of hot steel and perform a task which puts the operator in harms way of moving parts and left the machine open to be started with the operator still in harms way. The maintenance and engineering team at Exotic were asked to produce a method to lockout the hydraulics of this machine so that it could not be operated with a production operator inside.

Solution

After a meeting took place with the engineering team, we believed we had a product that could help the customer meet the new safety spec. The Control Reliable Energy Isolation Valve was brought in and discussed how it would need to be plumbed into the system. The team installed the valve and is planning on installing more safety valves in the coming months.



Success Factors

Exotic stocked the right product to fix the customer's safety problem with their machinery.

Customer Value

The customer's production operator does not get put in harms way and the plant meets the new spec.

Featured Products

Sidener's Energy Isolation Valve- Functions as a two position 3-way hydraulic valve with redundant valving elements and redundant monitoring. The purpose of the valve is to, when energized, provide a flow path for a flow of hydraulic fluid from its source to the hydraulic system. When de-energized, the valve blocks flow from the hydraulic energy source and vents the hydraulic system to tank.