

Holz Expansion Joint Allows Development of Catalysts to Improve Fuel Quality

High quality Catalysts improve refining process, producing better fuel quality and yields

Application:

Catalyst manufacturing equipment at a Chemical Plant in Canada. The catalyst is used in a refineries Fluid Catalytic Cracking (FCC) process to produce petroleum based products.



Problem:

The existing expansion joint was not designed to compensate for the excessive lateral movement of the application, causing it to rip near the base of the flanges. The rip exposed the expansion joints fabric reinforcement, which once exposed, can lead to catastrophic failure.

Solution:

Holz engineered and manufactured a triple arch expansion joint designed specifically for the application, eliminating the possibility for catastrophic failure. Having a properly designed expansion joint for your application will decrease the possibility of unnecessary shut downs and potential safety concerns.