

# PROJECT PROFILE



Wind and UV degradation had destroyed this duct-to-chimney protective weather seal. Being over 80 feet in the air created a logistics problem in coming up with an adequate resolution.



Using drive-pins to attach single-ply roofing membrane to the concrete wall of the chimney has enabled this ductwork insulation cover to withstand the elements.

## Project:

500-foot tall Chimney at Rawhide Energy Station, Wellington, CO

## Details:

Charles Rogers, overseeing the *Duct-to-Chimney Weather Seal Project* at Platte River Power Authority was very pleased with RTN's final results. He was searching for a viable solution to weatherproof the flue gas duct metal cover to the 500-foot chimney. The existing connection was wind-damaged and had become a safety hazard for plant staff. RTN came to the rescue! After consulting with Rogers to determine the needs and the unique circumstances of the project, RTN came up with a solution that was not only economical but one that will last for years to come. It only goes to show how RTN Roofing does so much more than just roofing. They can provide unique solutions to just about any *waterproofing* need.



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Specially-designed metal was used to provide proper expansion between the cover pieces, followed by encapsulating in single-ply roofing membrane to protect from the Colorado wind and rain.



The completed project. All seams are now completely water-tight and with proper expansive properties. This RTN solution is performing superbly and as designed.