

Andeavor Salt Lake City Refinery

Tier 3 Gasoline Project



Tier 3 gasoline is lower in sulfur content enabling a car's catalytic converter to run better reducing volatile organic compounds (VOCs) and nitrogen oxides (NOx) emissions on all vehicles that use it. On vehicles with newer emissions control equipment, the emissions reduction is even greater, up to 81 percent.

The Tier 3 Gasoline project at the Andeavor Salt Lake City Refinery will provide Utah drivers cleaner, lower sulfur gasoline which will improve air quality in the region. Following newly issued EPA standards surrounding Tier 3 Gasoline, companies that produce fuel must now produce gasoline with sulfur content less than 10 parts per million on an annual average basis. The existing gasoline hydrotreater at Andeavor's Salt Lake Refinery is being expanded to remove more sulfur than currently possible to make our gasoline compliant with the new EPA standard.

"Investing in this project to produce a cleaner product that our customers and our employees can be proud of is simply the right thing to do for Andeavor and for the State."

– Greg Goff,
Chairman,
President and
CEO of Andeavor.

How it works

Sulfur is a naturally-occurring part of the hydrocarbons we process to make transportation fuels.

Our refinery has equipment – called the gasoline hydrotreater - whose job it is to remove sulfur from the gasoline we process.

But, this equipment is not large enough to remove the additional amount of sulfur required to meet the EPA Tier 3 standard.

So, Andeavor is investing to make the gasoline hydrotreater larger and expand its capacity to meet the new EPA standard of 10 parts-per-million sulfur content.

We expect this project will be complete by the end of 2019 to be able to provide Utah drivers cleaner, lower sulfur gasoline.



Our other emission reduction efforts

We continually evaluate and invest in technologies that support safe, reliable and clean operations at our facilities.

In the last five years, the Andeavor Salt Lake City Refinery has invested \$300 million on upgrades to reduce and control emissions and produce cleaner fuels, including a recent 2017 project to install a wet gas scrubber which reduces the emissions of sulfur dioxide and nitrogen oxides by 95 and 60 percent.