Emission Upgrade for Legacy Engines

Upgrade with an ABB turbocharger for gas compression stations
Let your engine breathe fresh air

“The superior reliability and performance of ABB turbochargers enable compliance with legislation and ensure highest engine availability.”

Simone Bernasconi,
Senior Sales Manager, ABB
Turbocharger Upgrade Solution
Upgrade from legacy to state-of-the-art

The solution in a nutshell
The environmental footprint of legacy gas compression engines can be substantially reduced by means of advanced combustion technology provided by experienced turn-key providers. Pivotal for the success is to ensure sufficient air flow through the engine, which is enabled by the turbocharger.

The key to success is a smooth collaboration with turn-key providers along with a carefully selected turbocharger specification individually matched to engine tuning and site conditions.

The selected ABB turbochargers have been developed with a strong end user focus, enabling operation under harsh conditions, highest reliability, performance stability and ease of maintenance.

With over 100 service stations in 50+ countries, ABB provides excellent service support whenever and wherever needed.

Application
Gas compression stations are facilities which enable the transportation of gas through pipelines. The gas pressure needs to be sustained at a certain level so that a smooth supply is ensured. The gas compression stations constantly pressurize the gas and are located depending on boundary conditions, roughly every 60-150 km.

This turbocharger upgrade solution is available on all legacy engines including the brands Cooper, Clark, Ingersoll and Worthington.