# CO<sub>2</sub> Pipelines

# Part of our Clean Energy Future

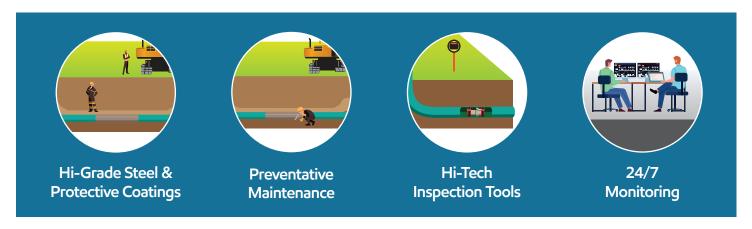
Many things we need emit carbon dioxide. Keeping American manufacturing jobs in a future cleaner fuel economy will involve capturing carbon emissions before they reach the atmosphere. Pipelines are an ideal way to move large volumes of CO2 emissions long distances to permanent underground storage sites.

#### Examples of carbon-emitting processes:

- Steel & Cement Manufacturing
- Power Generation
- Renewable Fuels Production

### Track Record of Safety

- CO<sub>2</sub> pipelines have been operating safely in the United States for decades. Today, there are over 5,000 miles of pipelines delivering CO<sub>2</sub> pipelines.
- Congress expanded federal pipeline safety law in 1988 to require regulation of CO<sub>2</sub> pipelines. PHMSA extended federal regulatory requirements to CO<sub>2</sub> pipelines in 1989.
- Federal pipeline safety regulations require CO<sub>2</sub> pipeline operators to proactively inspect and perform preventive maintenance on their systems. Pipeline personnel monitor their systems 24/7 to ensure everything is running safely.
- Government pipeline safety data collected by PHMSA and publicly available shows CO<sub>2</sub> pipeline incidents are rare and declining. CO<sub>2</sub> pipelines have a lower incident rate than both crude oil and refined products pipelines.



## Clean Energy Jobs

CO<sub>2</sub> pipelines offer a great opportunity for creating new clean energy jobs. Building pipelines provides jobs for thousands for welders, equipment operators, engineers and more. Pipeline construction jobs can support a family with wages topping \$30 an hour.

