
We know the DRILL

The perfect place for tough, reliable, NREC-enabled ROBOTS

ENGINEERING THE FUTURE OF ROBOTICS
NREC delivers advanced automation technologies for the oil & gas industry

- Remote monitoring & light maintenance
- Mobile inspection & surveillance
- Untethered pipeline inspection
- Environmentally safe paint & coatings removal

**Reduce Risk**
- Remotely monitor and inspect hazardous facilities.
- Reduce human and environmental exposure to toxins.
- Systems can be designed to meet IECEx, ATEX, ANSI, and other safety standards.

**Real World Applications**
**Explorer**
The first untethered robot for inspecting pipelines, Explorer is currently used to inspect high pressure and low pressure natural gas mains for cracks, corrosion, and other problems. An operator controls Explorer wirelessly and can monitor pipeline images in real time.

**ENVIROBOT®**
The award-winning ENVIROBOT® uses spinning, high-pressure water jets to remove paint and coatings from steel hulls and storage tanks without harming the underlying surface. A patented, EPA-approved filtration system recovers debris and wastewater without harming the environment. ENVIROBOT® is in daily use at shipyards and storage facilities around the world.

**Improve Productivity**
- Robots can do jobs that are difficult or impossible for humans, such as inspecting pipe networks from both inside and outside.
- Automating or remotely performing monitoring, inspection and maintenance work uses personnel more effectively.
- Autonomy and operator assistance reduce operator error and simplify complex and repetitive tasks.
- Consistent, never-tired robotics technologies work day and night.
- More efficient operations at isolated, hard-to-access facilities.

**LNG Pipe Vision** visually inspects liquid natural gas pipes for corrosion.

**Explorer** travels untethered through natural gas mains to inspect for problems.

**ENVIROBOT®** removes paint and coatings from steel surfaces without endangering the environment.