

ASSEMBLY REQUIRED

April 2025

The latest from

PEPM
GROUP

THE WATER COOLER

PEPM Group was announced as the winner of the Oklahoma Governor's Award for Excellence in Exporting 2025!

This prestigious award was presented by Oklahoma Representative Trish Ranson, Oklahoma District Export Council Chair Chuck Mills, and Director of the U.S. Department of Commerce Marcus Verner at the 42nd Annual Oklahoma World Trade Conference in Oklahoma City. This recognition reflects our commitment to expanding export sales and driving economic growth for Oklahoma, creating more jobs and opportunities along the way.

We owe this incredible achievement to our valued customers, partners, and friends—your unwavering support has made this journey possible. Thank you for being part of our success!



PEPM Group announces the launch of our engineering and 3D modeling services for a significant petrochemical and refinery facility located in Western Asia. This milestone project will showcase our expertise in structural, mechanical, and electrical engineering, as well as 3D modeling. With an accelerated timeline of just five months, this venture exemplifies our ability to meet demanding schedules while maintaining top-notch quality. Our team is eager to tackle the unique challenges this project presents, bringing innovative solutions and advanced technologies to the forefront.

PEPM Group held the kick-off meeting for the major modification of a beef processing facility in Washington. The project aims to enhance the facility's operations through significant upgrades and redesigns. The first phase, focusing on electrical engineering, is progressing steadily and includes comprehensive assessments and planning. PEPM's scope of work extends across multiple disciplines, including structural, mechanical, utility, and electrical engineering. This project leverages advanced 3D modeling to visualize and refine the design throughout development.

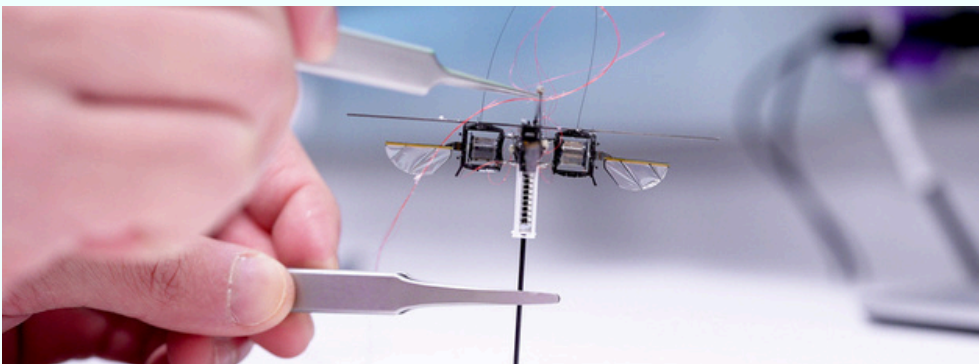


For your structural, mechanical, electrical engineering, 3D modeling, and drafting needs, contact yzhang@pepmgroup.com, jpascual@pepmgroup.com, and admin@pepmgroup.com. The PEPM Group is a full engineering service company specialized in food process and energy industries and a leading engineering company for plantwide ventilation and air studies and has provided more than 30 ventilation and air study evaluation projects for multiple customers throughout the country.

WE ARE HIRING!

For a long-term fulfilling career, a caring, encouraging, and respectful working place, contact PEPM. Apply today at www.pepmgroup.com/careers

- **Electrical Engineer** (Fayetteville AR or Tulsa OK), 5+ years electrical or control engineering design experience, including food process facility design, PE preferred.
- **Project Engineer, Project Manager** (Fayetteville AR), 5+ years of proofing working experience in engineering, oil and gas and energy business, as well as in project management in engineering, construction or fabrication, PE preferred.



HOPPING GIVES THIS TINY ROBOT A LEG UP

Insect-scale robots can squeeze into places their larger counterparts can't, like deep into a collapsed building to search for survivors after an earthquake.

However, as they move through the rubble, tiny crawling robots might encounter tall obstacles they can't climb over or slanted surfaces they will slide down. While aerial robots could avoid these hazards, the amount of energy required for flight would severely limit how far the robot can travel into the wreckage before it needs to return to base and recharge.

To get the best of both locomotion methods, MIT researchers developed a hopping robot that can leap over tall obstacles and jump across slanted or uneven surfaces, while using far less energy than an aerial robot.

The hopping robot, which is smaller than a human thumb and weighs less than a paperclip, has a springy leg that propels it off the ground, and four flapping-wing modules that give it lift and control its orientation.

Original Article: Hopping gives this tiny robot a leg up: [Science Daily](http://ScienceDaily)

WE WANT YOUR FEEDBACK!

Inepi (*Chamoro for feedback*)

To ensure a great newsletter, let us know what you think! Your ideas and stories can make this newsletter a truly engaging experience. Send your suggestions to y Zhang@pepmgroup.com. *Your feedback is greatly appreciated and valued!*

GET PROPOSAL Have questions about MEP, CSA, industrial refrigeration, process design, architectural, or project management? Contact PEPM Group at y Zhang@pepmgroup.com, admin@pepmgroup.com, (918) 895-6766, or visit www.pepmgroup.com.



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IN THE KNOW...

April, which is the fourth month in the Julian and Gregorian calendar, is named after the Latin name Aprilis, which means "to open".

2003 The Human Genome Project is completed with 99% of the human genome sequenced to an accuracy of 99.99%

1973 First mobile phone call is made in downtown Manhattan.

1937 First commercial flight across the Pacific, operated by Pan Am

1900 US Post Office issues its first stamp booklets containing 12, 24, or 48 two-cent stamps

1877 World's first home telephone is installed in Somerville, Massachusetts.

1860 Start of the Pony Express, mail is delivered by horse and rider relay teams between St. Joseph, Missouri and Sacramento, California

1820 The famous ancient Greek statue Venus de Milo is discovered on the Aegean island of Milos

1792 The Coinage Act is passed, authorizing the \$10 Eagle, \$5 Half-Eagle, \$2.50 Quarter-Eagle gold coins, and the silver dollar, half dollar, quarter, dime, and half-dime

Original Article: OnThisDay: www.OnThisDay.com