



Solar Power Plant and Substation Design Project

IOWA STATE UNIVERSITY and BLACK AND VEATCH

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Safety Moment

Wet Floors:

- Physical hazard that is one of the leading causes of accidents in the workplace

Impact:

- Can cause someone to slip and fall
 - Slips, trips, and falls account for 29% of accidents in workplace
- 65% lost work days
- US Department of Labor: 15% of accidental deaths in industry

Causes:

- Spills, leaks, mopping in areas and not placing a wet floor sign
- Lubricating layer between shoes and wet floors cause slips

Solutions:

- Place a Wet Floor sign when necessary
- Clean up any spills right away
- Wear proper footwear
- Pay attention to where you are walking



New Technology

Amazon Astro Robot

- A household robot powered by Alexa technology
 - Able to navigate a household effectively
 - Recognizes obstacles and keeps away from designated out of bounds zones
- Potential Uses
 - Can be remote controlled away from home
 - Can be set to patrol homes to seek out
- Potential Problems
 - High price, will be anywhere from \$999 to \$1450 on public release
 - Potentially limited uses



<https://www.bbc.com/news/technology-58727057>

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