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# Suez Robotic Arm Platform: Codes and Standards

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# Storage Tank Codes

- Storage Tank Codes and Standards are based on the material and intended use of the storage tanks
- AWWA Manual M42, Steel Water Storage Tanks (1998)
- American Society of Safety Engineers- "Safety Requirements for Confined Spaces"
  - ASSE Z117.1
- Suez standard of 3 men required to enter a tank
  - 2 inside and 1 outside

# OSHA: Abrasive Blasting

- OSHA Health Hazards posted on the platform
  - Employee training provided by Suez
- Hearing protection required
- Respiratory protection required
- Eye and face protection required
- Leather gloves, aprons or coveralls required

# Scaffolding Standards

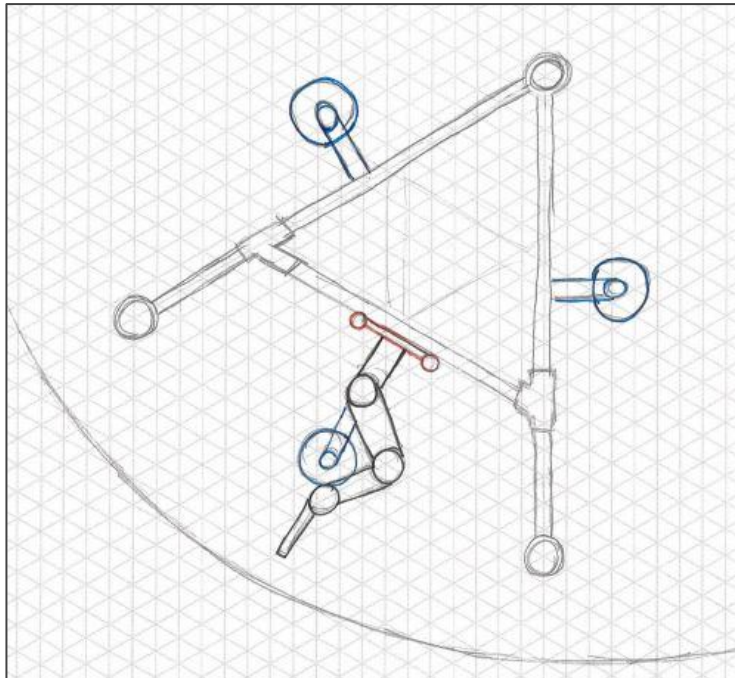
- OSHA Std. 1910.28-Safety Requirements for Scaffolding
  - Covers general standards for constructing scaffolding
  - Head protection required
  - Fall protection standard

# Environmental Protection Agency

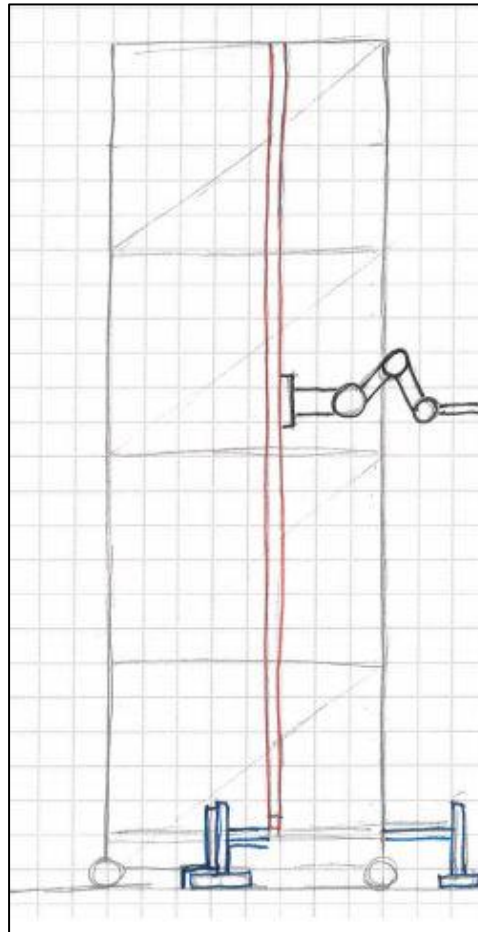
- Published paper by AWWA and Economic and Engineering Services, Inc.
  - Standards for avoiding potential water quality problems
  - Covers chemical contaminants used to coat tanks
- AWWA Standard for Disinfection of Water-Storage Facilities
  - C652-92
  - Covers materials, facility preparation, disinfecting interior services

# Updated Design

Top



Side



Front

