Process facility seismic risk mitigation of non-building structures

M. Rookstool, S.E.\textsuperscript{1}, R. Mulia S.E.\textsuperscript{2}

\textsuperscript{1}Structural Engineer, Chevron Energy Technology Company, Houston, Texas
\textsuperscript{2}Structural Engineer, Chevron Energy Technology Company, San Ramon, California

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Example of a Process Facility
Screening Phase

- No foundation for anchor
- Tall, narrow tank
- Heavy equipment above piping
- Large spacing of shear ties
- Brace at column mid-height
- Piperack
Analysis Phase

Analysis Model

Photo

Stack removed
Typical Assessment Results

### Walkthrough Phase

- **PROJECT A: 471 ITEMS**
- **PROJECT B: 81 ITEMS**
- **PROJECT C: 191 ITEMS**

### Analysis Phase

- **PROJECT A: 471 ITEMS**
- **PROJECT B: 81 ITEMS**
- **PROJECT C: 191 ITEMS**
Risk Ranking of Facility
Come see my Poster!

**Today Poster Session:**

- **Time:** 5:15 – 7:00 pm
- **Room:** Pasadena (Exhibit Hall)
- **Poster location:** Number XXX