



AP DYNAMICS
engineering

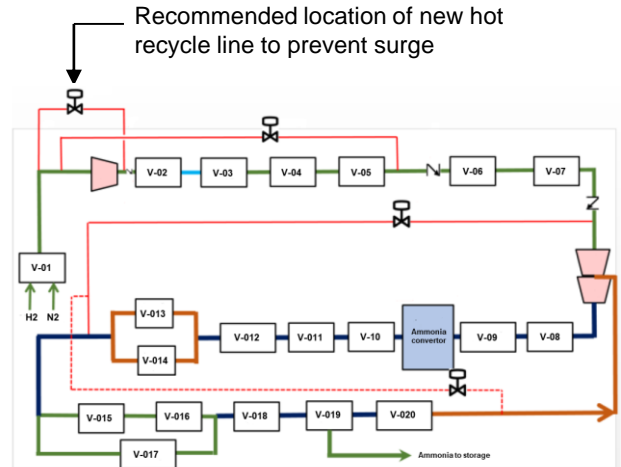
Compressor Surge Analysis

Solving Tough Engineering Problems

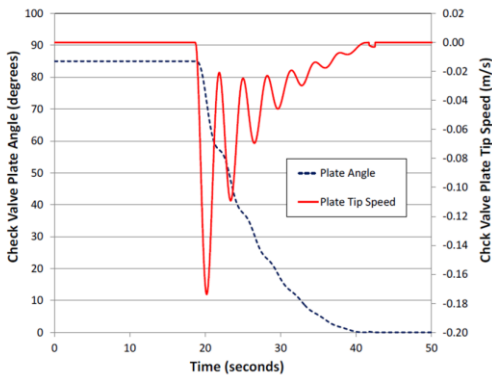
AP DYNAMICS provides a complete range of services related to **Compressor Surge Analysis**. We are able to provide solutions for plants to protect the compressor in the case of an Emergency Shutdown (ESD). Dynamic simulations can be performed to check if a compressor would go into surge in such an event.

Our highly skilled engineers understand the complex nature of these problems and can offer effective solutions while meeting challenging timelines.

We utilize the latest numerical simulation technologies, such as AFT Impulse, FLUIDFLOW and in-house codes.



Emergency Shutdown (ESD)



Types of Analysis

- ✓ Surge analysis.
- ✓ Anti-surge system design.
- ✓ Transient effects in compressors and pipes.
- ✓ Water hammer.

