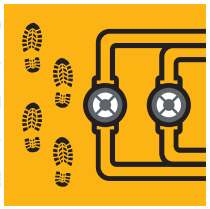

We walk the line

- We use up-to-date documentation (e.g. Piping and Instrumentation Diagrams) that accurately reflect installed systems and equipment).
- We physically confirm the system is ready for the intended activity (e.g. valve positions, line up of relief devices, etc.).
- We alert supervision to identified documentation and readiness issues before operation.

Missing ½ inch plug identified during line walk, preventing potential significant hydrocarbon release

- During a planned full platform shutdown, a production test separator was removed from service for maintenance.
- The system was isolated, depressurized and a section of pipework replaced.
- A successful leak detection took place.
- The system was deisolated but the plant was not ready for restart so the system remained offline.
- Several days later, as the plant was being readied to go back online, a member of the work party raised concerns that the process for reinstatement may not have been correctly followed as no records were in the hand over to state a full system line walk had taken place.
- When queried, the work party advised that only a partial line walk had taken place.
- Activity to bring the plant online was stopped and a full system line walk carried out as per company procedures.
- During the line walk, it was discovered the level transmitter isolation valves were still closed and a ½ inch plug was missing from the tapped flange used as the leak test injection point.
- If the line walk had not been completed, the tapped flange would have remained open ended, creating a potential significant hydrocarbon leak. It would have also resulted in no level being observed on the level transmitter during start-up.

DISCUSS

- **How do you ensure proper line walks take place prior to reinstatement of plant?**
- **What procedures are in place at your site for the safe reinstatement of plant?**
- **How do you manage a change that occurs during plant reinstatement?**

This moment was based on the Joined-up Thinking Pack **Hydrocarbon Release Prevention – Plant Reinstatement**