

Pause Points Hint Sheet

- The video contains pause points to allow you to engage with the team at 2 points in the video.
- You may find these discussion points useful to prepare for the discussion



What controls would you verify if you were assigned to this task?

Control Verification:

- Expect the operations team to prove zero energy
- Expect a line walk to show the isolation point(s)
- Expect there to be a permit
- Expect there to be an isolation certificate
- Expect there to be locks and tags on isolation point(s)
- Expect there to be a lift plan
- Expect there to be a 20 second scan to point out local hazards



- How do you ensure the highest available isolation method is used?
- How do you check for pressure build up following the initial isolation check?

Isolation Method:

- They positively isolated the compressor by removing the pipework
- They left the pipework open-ended
- Non-return valves should not normally be used in an isolation
- How do you ensure your isolation design is properly risk assessed and appropriate for the potential hazards
- A positive isolation could have been put on
- Do the site teams have the empowerment to extend the isolation boundary?

Pressure build up

- The initial isolation and PBU verification was conducted weeks before the incident
- You should ask operations when the isolation was last proved before you start work – this also helps you prove that you are working on the right bit of equipment
- PBU wouldn't be required if a positive isolation was in place

Something else to consider – how do you ensure that personnel are trained and competent to design isolations?

- Do the engineers preparing the workpack have sufficient knowledge?
- Do you have sufficient isolating authorities for independent isolation design and checking?