



Putting People First Since 1948



Alert #: SA 11-16

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RCA Findings & Policy Review

We recently performed a RCA concerning an incident that happened on a Customer location. Below is a summary of the details and findings.

Sequence of Events:

- ❖ While performing hot work in a Well Bay, a welder and fitter requested an air horn to help cool the area.
- ❖ A worker picked up an air hose from a previous work area where other air hoses were staged
- ❖ The worker hooked up the hose and turned the valve to supply air to the horn.
- ❖ The welder and fitter were in front of the horn and were sprayed with a thick mist coming from the air horn
- ❖ They immediately showered and were checked by the medic and were found to be ok.

Findings: After performing an investigation:

- ❖ A crew had previously used the hose to apply a degreaser while cleaning a tank.
 - This is a common practice for this service.
 - After conducting this task, the hose is thoroughly flushed until clean
 - (This did not happen on this task due to their intention on taking it out of service).
 - The hoses are utilized for various applications due to their length, weight and flexibility
 - We found that several different service lines use the same type of hose for different applications:
 - Pumping chemicals for cleaning (environmental)
 - Draining lines and vessels of hydrocarbons (operations)
 - Running tools and providing air circulation (construction)
- ❖ The cleaning crew found a “bubble” near the crow’s foot
- ❖ They applied red flagging to remove from service.
 - Flagging was poorly tied and was eventually blown off by the wind
- ❖ The hose was placed in the same area as equipment that was staged for an upcoming job.
 - Members of the crew did not want to place it in the tool house with the rest of the equipment in an effort to prevent usage by mistake.
- ❖ The hose looked like it could still be used
 - Once the cleaning crew found the bubble in the hose, the crow’s foot could have been cut off to prevent usage.

Learnings: Remember to follow good practices and follow GIS Policy.

- ❖ Air hoses should be blown out in a safe manner prior to making up connection to tools and equipment.
- ❖ When taking tools/equipment out of service, prevent usage by proper flagging, tagging, or immobilization.
- ❖ GIS crews will utilize the proper hoses when performing tasks requiring them.



SAFETY ALERT