



INSPECTIONS

CHAMPS Inspection application is designed for managing inspections performed for specified equipment. The application eliminates cumbersome paper trails, ensuring that proper historical data is retained and easily accessed for audits and legal purposes.

CHAMPS Inspection facilitates creation of two types of inspection templates, a partial inspection and a full inspection. Partial inspections allow the inspections to be forwarded to the supervisor without all line items being reviewed and requiring signature. A full inspection requires all line items to be reviewed and signed in order to pass the inspection on to supervisor for review. On the inspection template, one may also indicate if any line item will require a comment to be written against it. This adds another element of validation before the inspection can be completed and sent to the supervisor for review.

INSPECTION			
Name	080-HC-001	WO ID	HC-0
ID	020-HC-001		
Equipment	Serial Number: Hydrogen Generator 2250L/min		
Equipment	080-HC-001 - Generator: Hydrogen Gas	Serial Number	24733
Site	000000 - Production		
Inspector	Jack Smith		
INSPECTION COMMENTS			
Seq	Checked Item	Corrective Action	Comment
1	Outer Pressure	Yes	Low pressure, needs attention
CHECKLIST ITEMS			
Seq	Description		
1	Visually inspect exterior housing for rust and/or cracks		
2	Open compartments and visually inspect hoses for degradation		
3	Visually inspect metal screen		
4	Test and record outlet pressure		
5	Test and record operating temperature		

Once an inspection is started, the equipment being inspected is placed into a state of being inspected. The inspection line items may be signed off by multiple inspectors out in the field. Based on criteria established in the inspection template, the inspection can be marked complete and available for supervisory review.

At any time during an inspection, the inspector(s) may deem the equipment out of service. This stops the inspection immediately and sends the inspection to the supervisor for review. The equipment status will also be set to out of service.

Inspection line items may have multiple comments written against them, including notes on actions that have taken place, or of actions that need to be taken regarding the line item. A crew may be assigned to address the line item needing work. Any inspection comment prompting corrective action will appear in the corrective actions browse page. When initially navigating to this page, a filter will automatically be applied based on signed in user's assigned crew. Crew members may then review the line items and resolve the issues.

Supervisors and managers may browse active and archived inspections. They can review the outstanding corrective actions written against any particular inspection and sign inspections that have been completed by field inspectors. Inspections can be configured to require zero, one or two signatures for the inspection to be considered finalized. These signatures must be unique and the signed in users must have a role of supervisor to have the authority for signing.