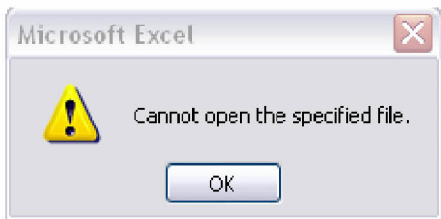


**Supplemental Information for Performing AC Inspection of HPR-Type Stations**

**Preparation of Job Package**

Print out the Service Order and HPR Atmospheric Corrosion Inspection Maps as shown in Bulletin TD-H-10B-001. If the HPR Atmospheric Corrosion Inspection Map has more than one HPR on it, only inspect the HPR's that are listed as Priority 1 or 2 in the spreadsheet. A map could contain Priority 1, 2, or 3 HPR's, and only Priority 1 and 2 HPR's are being inspected in 2010.

Print out the corresponding Service Order as shown in Bulletin TD-H-10B-001. The majority of the Service Records for found for each HPR, however, there are a number of HPR's whose Service Orders could not be located. When the link is clicked for these Service Orders, an error message will appear:



This indicates that a Service Order could not be obtained for this particular HPR. The HPR Atmospheric Corrosion Inspection Map as well as the Plat Map can be used to locate these HPR's.

Obtain Plat Maps if needed. The Plat number is listed in each Division Spreadsheet:

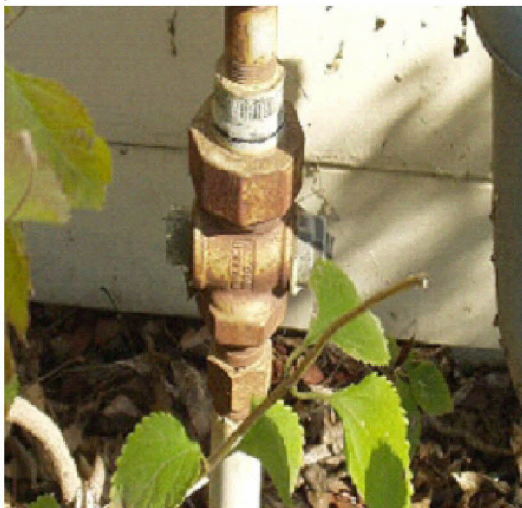
A	B	C	D	E	F	G	H	I	J	K	L	M	N
Prio	FID	ID	DIV	PLAT	SVCO	SRCR	SR	STNAME	STNO1	STNO2	CROSSST	CITY	
1	548	0	Diablo	43F12	22407	SP3	181.45	Pacheco Blvd	4495	0	Nardi Ln	Martinez	\
1	531	0	Diablo	49e01	712611	191	22.04	Civic	1101	0	N Civic Dr	Walnut Creek	\
1	554	0	Diablo	64B11	29467	57A	9.20	Orwood	4511	0		Discovery Bay	\
1	481	0	Diablo	57e08	349512	3009	0.86	Wilbur Ave	3301	3302		Antioch	\
1	533	0	Diablo	57e06	2200	3010	0.65	Wilbur Ave	2200	0	Wilbur Ln	Antioch	\
1	535	0	Diablo	57F09	350347	114B	0.45	Sancy Ln	361	350	HWY 4	Oakley	\
1	539	0	Diablo	47F01	700079	SP3	179.25	Selano Way	0	0	Arnold Indus	Martinez	\
1	478	0	Diablo	57e09	338983	SP4Z	8.64	Bridgehead	6113	0	Willbur Ave	Antioch	\
1	479	0	Diablo	57e09	792635	114	8.47	Bridgehead	6260	0	Wilbur Ave.	Antioch	\
1	489	0	Diablo	59a04	712873	SP5	2.39	Hillcrest Av	2100	0	Azarte Ln	Antioch	\
1	487	0	Diablo	52e08	710988	191	7.83	California	630	0	Sumpter Cir	Pittsburg	\
1	493	0	Diablo	44c08	24225	191	33.91	AlhambraValy	4950	0	Gilbert Ln	Martinez	\
1	494	0	Diablo	44c08	264095	191	33.84	AlhambraValy	4991	0	Gilbert Ln	Martinez	\
1	480	0	Diablo	57e08	345341	3009	0.99	Wilbur Ave	3341	0		Antioch	\

**Supplemental Information for Performing AC Inspection of HPR-Type Stations**

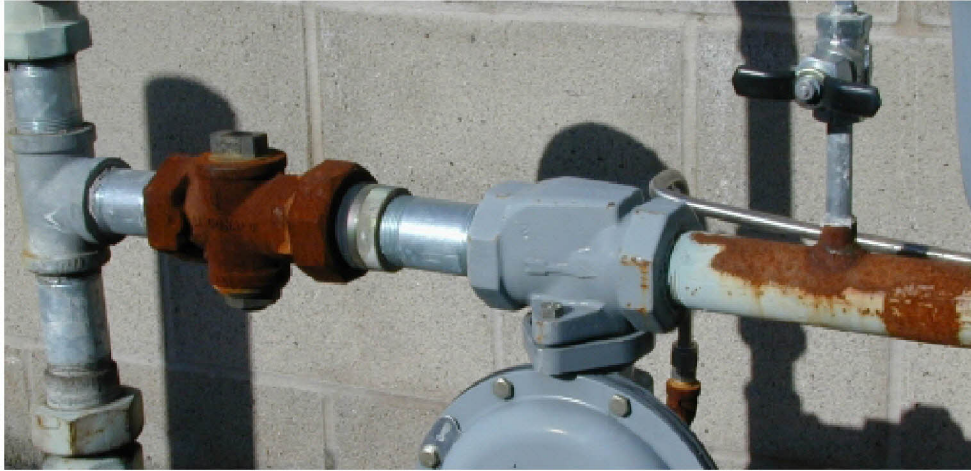
**Identification of Atmospheric Corrosion**

A challenge in Atmospheric Corrosion inspections is identifying what AC looks like.

Oxidation/Surface Rust is a common occurrence, and does not require any action. Below are examples of oxidation or surface rust:



TD-H-10B-001, Attachment 1  
Supplemental Information for Performing AC Inspection of HPR-Type Stations





**Supplemental Information for Performing AC Inspection of HPR-Type Stations**

Atmospheric Corrosion compromises the integrity of the pipe, as it diminishes wall thickness of pipe. It consists of scaling, pitting, and/or blistering. Below are examples of atmospheric corrosion conditions that may require repairs:



Supplemental Information for Performing AC Inspection of HPR-Type Stations



**TD-H-10B-001, Attachment 1**  
**Supplemental Information for Performing AC Inspection of HPR-Type Stations**



**Supplemental Information for Performing AC Inspection of HPR-Type Stations**

**Measuring Level of Corrosion**

Once it has been determined Atmospheric Corrosion is present, the wall thickness needs to be measured. Attached is a table with Pipe sizes, wall thickness, and the maximum pit depth that is compliant.

Pipe Size	Wall Thickness	Max Pit Depth Transmission	Max Pit Depth Distribution
1/4"	0.119	0.024	0.083
1/2"	0.147	0.029	0.103
3/4"	0.113	0.023	0.079
1"	0.133	0.027	0.093
1-1/4"	0.14	0.028	0.098
1-1/2"	0.145	0.029	0.102
2"	0.154	0.031	0.108
3"	0.216	0.043	0.151
4"	0.237	0.047	0.166
6"	0.28	0.056	0.196
8"	0.322	0.064	0.225
10"	0.365	0.073	0.256
12"	0.375	0.075	0.263
16"	0.375	0.075	0.263
18"	0.375	0.075	0.263
20"	0.375	0.075	0.263
22"	0.375	0.075	0.263
24"	0.375	0.075	0.263
26"	0.375	0.075	0.263
30"	0.375	0.075	0.263
34"	0.375	0.075	0.263
36"	0.375	0.075	0.263
42"	0.375	0.075	0.263

**If the upstream (Transmission) portion of the piping has pitting with a depth equal to or greater than the above value, contact Pipeline Engineering to evaluate.**

For example: On a 2" pipe, a pit depth measurement is taken, and pitting is found to be 0.036" deep. This would indicate pitting that is deeper than the maximum according to the table above. This HPR needs to be reported to the T&R supervisor, so that Pipeline Engineering can be contacted.

**If the downstream (Distribution) portion of the piping has pitting with a depth equal to or greater than the above values, corrective work beyond wax taping is needed. A GC notification needs to be created.**

For example: On a 1-1/2" pipe, a pit depth measurement is taken, and pitting is found to be 0.111" deep. This would indicate pitting that is deeper than the maximum according

**Supplemental Information for Performing AC Inspection of HPR-Type Stations**

the table above. A GC Corrective Work Form needs to be filled out so a GC notification can be created in SAP to remediate this HPR.

**If Atmospheric Corrosion is present, but the pit depths are less than the above values, recoat with wax tape.**

For example: On a 4" upstream (Transmission) pipe, a pit depth measurement is taken, and pitting is found to be 0.039" deep. This would indicate pitting that is not deeper than the maximum according to the table. Recoat with wax tape. This does not warrant a GC Corrective Work Form, as this work is considered part of the inspection.



Supplemental Information for Performing AC Inspection of HPR-Type Stations

Documentation

Fill out the Stamp on each HPR Atmospheric Corrosion Inspection Map with non-erasable ink. You may use the back of the map to include additional notes. See examples below:



**PG&E** PG&E  
 PG&E  
 PG&E

PG&E CONFIDENTIAL  
 For Internal Use Only  
 Authorized Personnel Only  
 Copyright 2009 Pacific Gas & Electric Corp.

HPR Atmospheric Corrosion Inspection  
 Gas System Maintenance and Technical Support  
 Geographic Information Services



12/22/2009  
 01:57 PM

1 inch equals 125 feet

TD-H-10B-001, Attachment 1  
Supplemental Information for Performing AC Inspection of HPR-Type Stations

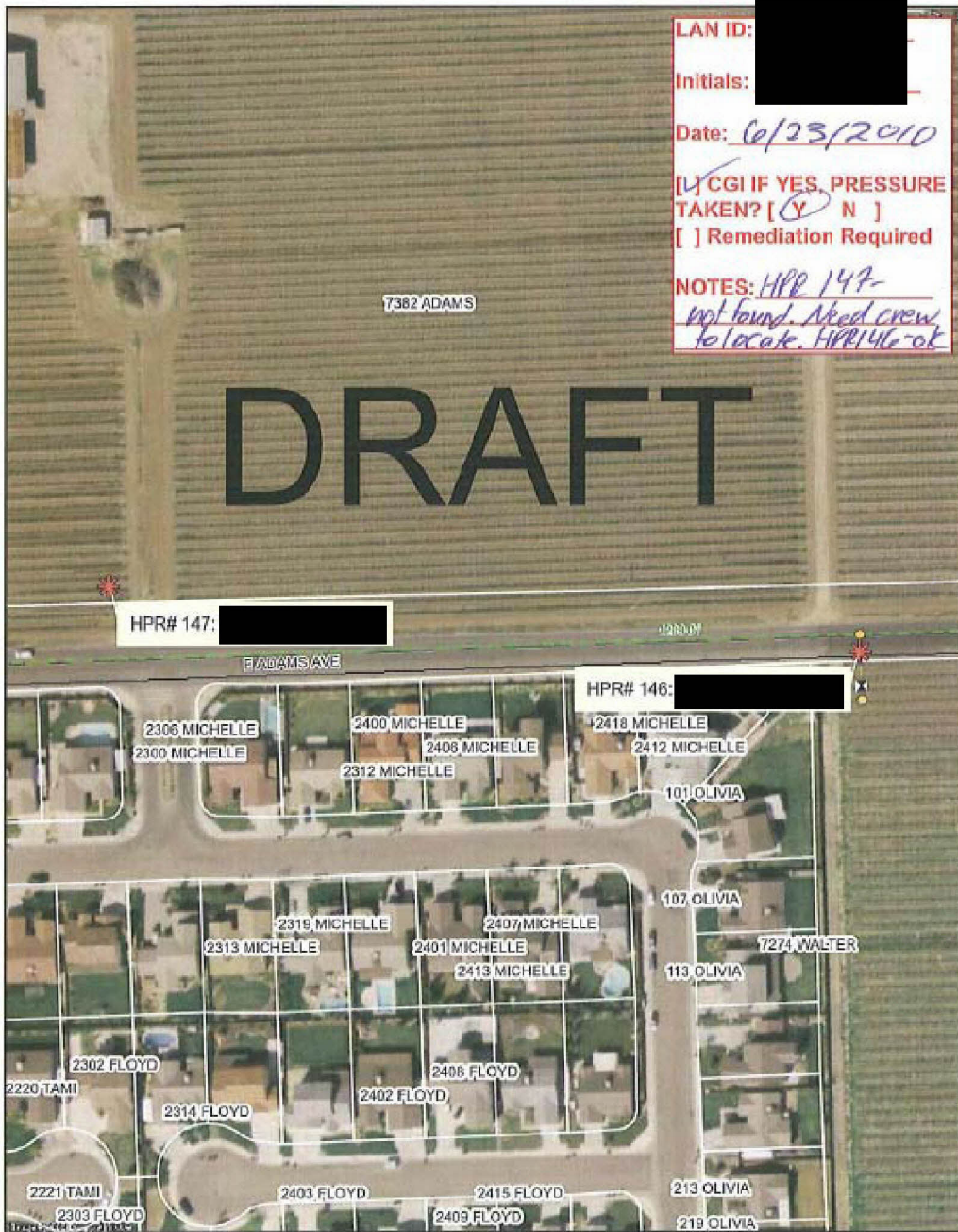


PG&E  
PG&E CONFIDENTIAL  
For Internal Use by  
Authorized Persons Only  
Copyright 2009 Pacific Gas & Electric Corp.





TD-H-10B-001, Attachment 1  
Supplemental Information for Performing AC Inspection of HPR-Type Stations



LAN ID: [REDACTED]  
Initials: [REDACTED]  
Date: 6/23/2010  
[X] CGI IF YES, PRESSURE  
TAKEN? [Y] N ]  
[ ] Remediation Required  
NOTES: HPR 147  
not found. Need crew  
to locate. HPR 146 ok

HPR# 147: [REDACTED]

HPR# 146: [REDACTED]

**PC&E**  
PG&E CONFIDENTIAL  
For Internal Use Only  
Authorized Personnel Only  
Copyright 2005 Pacific Gas & Electric Corp.

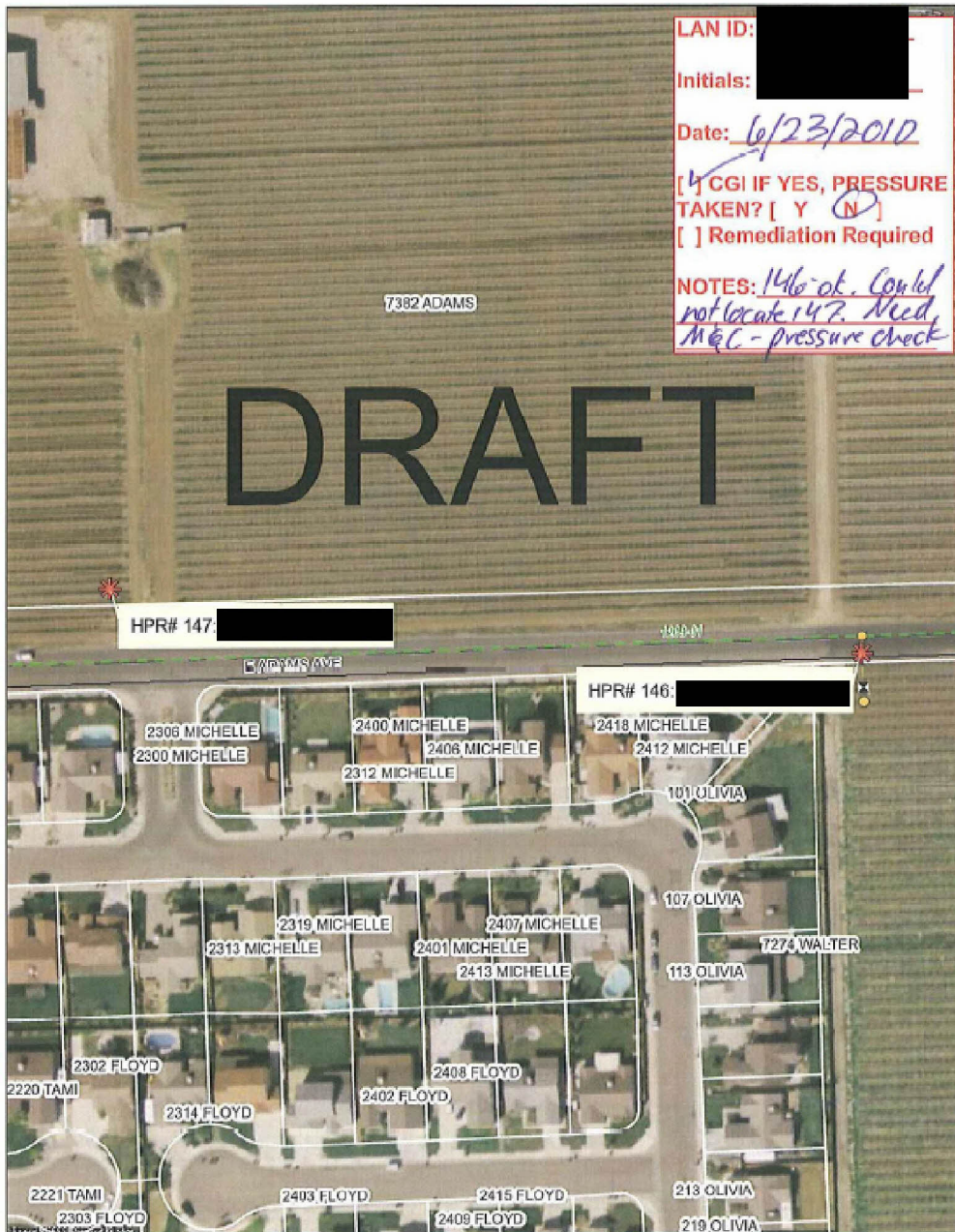
HPR Atmospheric Corrosion Inspection  
Gas System Maintenance and Technical Support  
Geographic Information Services

12/22/2009  
01:57 PM  
N  
W E  
S

1 inch equals 125 feet

TD-H-10B-001, Attachment 1  
Supplemental Information for Performing AC Inspection of HPR-Type Stations

94



**PC&E**  
PC&E  
ROSE CONFIDENTIAL  
For Internal Use Only  
Authorized Persons Only  
Copyright 2005 Pacific Gas & Electric Corp.

**HPR Atmospheric Corrosion Inspection**  
Gas System Maintenance and Technical Support  
Geographic Information Services



12/22/2009  
01:57 PM

1 inch equals 125 feet




**Supplemental Information for Performing AC Inspection of HPR-Type Stations**

**Fill out Corrective Work Form if Expense Work is Required**

If an HPR needs remediation beyond recoating with wax tape or paint, fill out a Corrective Work Form. The majority of CWF's created from HPR Atmospheric Corrosion Inspections will be priority G – Maint. Compliance. This indicates work that must be performed to ensure that our assets remain in code compliance. In rare instances a HPR may be discovered that requires immediate action, and this CWF would be filled out after the fact with a priority of A – Emergency Unsafe Condition.

Follow the guide below when filling out the CWF:

Supplemental Information for Performing AC Inspection of HPR-Type Stations

 <b>CORRECTIVE WORK FORM</b> <b>GAS DISTRIBUTION</b>		<b>ORDER #:</b> _____ <b>NOTIFICATION #:</b> _____
<b>Use Distribution form if Service less than 60lbs</b>		
<b>CREW</b>		
<b>1. PROBLEM DESCRIPTION:</b> For Leaks, Meters, MPP etc: Enter the Address (e.g. 141 SEQUOIA AVE WALNUT CRK) For CPA#: Enter CPA# and location if available (e.g. CPA2417-B (INSTALL 2ND GRND ROD)) For Reg Station: Enter the # and Reg location (e.g. DR RA-07 COOLIDGE&FOOTHILL BLVD)		
<b>2. STREET ADDRESS:</b> Enter a Street Address		<b>3. CITY:</b> ENTER CITY
<b>4. STATION NAME/No or CPA No:</b> ***	<b>5. TECH ID/BADGE No:</b> Meter number, etc...	<b>6. PLAT MAP No:</b> ***
<b>7. COMMENTS (LONG TEXT):</b> <b>Fields above and Comments are Important to Correct Notification Creation</b> Describe the work required/done, the equipment & materials needed (e.g. access, special tools, X St). Indicate specifics (Rectifier, ETS, Annual, Equipment vs. CPA area etc.) to assist clerk in creating correct Notification. Add any additional comments (i.e. location or info to help identify the equipment)		
<b>8. HOW WORK WAS IDENTIFIED:</b> <input type="checkbox"/> CORRECTIVE MAINTENANCE <input type="checkbox"/> CPUC AUDIT <input type="checkbox"/> CUSTOMER/SUPP PARTY CALL <input type="checkbox"/> GENERATED FROM IGIS <input type="checkbox"/> INOPERABLE EQUIPMENT		<b>9. ADDITIONAL INFORMATION:</b> <input type="checkbox"/> LEAK SURVEY <input type="checkbox"/> MAJOR EVENT <input type="checkbox"/> CLEARANCE REQUIRED <input type="checkbox"/> PERM <input type="checkbox"/> ESTIMATE <input type="checkbox"/> SYSTEM REPORT <input type="checkbox"/> MAINTENANCE
<b>10. STATUS OF NOTIFICATION:</b> <input type="checkbox"/> CANCELED <input type="checkbox"/> COMPLETED		<b>11. GC NOTIFICATION (GAS DIST - CORRECTIVE)</b> <input type="checkbox"/> CD NOTIFICATION (DAMAGE CLAIMS) <input type="checkbox"/> SO NOTIFICATION (SYSTEM OPERATIONS) <input type="checkbox"/> GR NOTIFICATION (GAS DIST - PROJECT)
<b>12. PRIORITY:</b> <input type="checkbox"/> A <input type="checkbox"/> C <input type="checkbox"/> G <input type="checkbox"/> P		<b>PRIORITY:</b> <input type="checkbox"/> E <input type="checkbox"/> L <input type="checkbox"/> O <input type="checkbox"/> R
<b>A - EMERGENCY UNSAFE CONDITION</b> <b>C - EMERGENCY RESTORE SERVICE</b> <b>G - MAINT. COMPLIANCE</b> <b>P - SYSTEM REPAIR/IMPROVEMENT</b>	<b>A - EMERGENCY UNSAFE CONDITION</b> <b>C - EMERGENCY RESTORE SERVICE</b> <b>G - MAINT. COMPLIANCE</b> <b>P - SYSTEM REPAIR/IMPROVEMENT</b>	<b>B - UNSAFE CONDITION</b> <b>F - RESTORE SERVICE</b> <b>I - CHANGE DEMANDS</b> <b>O - IMPROVE EFFICIENCY</b>
<b>E - SYSTEM INTEGRITY</b> <b>L - OPERATION COMPLIANCE</b> <b>O - RELIABILITY/CAPACITY</b> <b>R - SYSTEMIC PROBLEM</b>	<b>13. WORK TYPE CODE (GC):</b>	
<input type="checkbox"/> 312-0 Ver/Ink IR <input type="checkbox"/> 359-0 Ver/Ink Med <input type="checkbox"/> 387-0 Ver/Ink No Access <input type="checkbox"/> 411-Not Recording (Reg) <input type="checkbox"/> 565-Steel Swg (Val)	<input type="checkbox"/> 566-Steel Main (Val) <input type="checkbox"/> 570-MPP Protect <input type="checkbox"/> 571-1 Swg Valve (Est) <input type="checkbox"/> 572-2 Swg Valve <input type="checkbox"/> 574-Reg Station <input type="checkbox"/> 576-Main line Valve	<input type="checkbox"/> 600-Corros Main Rep <input type="checkbox"/> 601-Corros Swg Rep
<input type="checkbox"/> 602-Corros Reg Stat Rep <input type="checkbox"/> 603-MPP Protect <input type="checkbox"/> 604-MPP Swg Valve <input type="checkbox"/> 605-Mtr/Reg > 1000 CFH <input type="checkbox"/> 610-Mtr/Reg < 1000 CFH <input type="checkbox"/> 611-Major Emergency	<input type="checkbox"/> 618-Spec Leak Survey <input type="checkbox"/> 619-MPP Inspectors <input type="checkbox"/> 765-CP Troubleshoot Estimated total in hours, or hours to complete work.	
<b>14. CREW CLASS:</b> Indicate the crew types and sizes needed / used for work CREW CLASS: (Crew suggests & Supervisor Approves) CREW CLASS: For assistance refer to JA_039 Crew Classes on the Gas T&D Toolkit		<b>15. DURATION NEEDED:</b> _____ MIN/H
<b>16. REPORTED BY (LAN ID):</b> Person reporting the problem		<b>17. EST. MATERIAL COST:</b> \$ _____
<b>18. REQUIRED START DATE:</b> / / Date problem found		<b>19. REQUIRED END DATE:</b> / / Date required for compliance work or reasonable date it is expected to be complete
<b>20. TECHNICAL INSPECTION BY (LAN ID):</b> Foreman or Person who completed work	<b>21. DATE:</b> / / Date work physically complete	<b>22. ACTUAL LABOR HOURS:</b> Total Actual hours used to complete work
<b>23. SUPERVISOR</b>		
Task Completed By: _____ REVW Supervisor Reviewed/Approved by (LAN ID): _____	Comp. Date: / / _____	
LOCAL HEADQUARTER CLERK		
<b>24. PLANT SECTION/COUNTY:</b> _____	<b>25. LOCATION/DIVISION:</b> _____	<b>26. MAIN WORK CENTER:</b> _____
<b>27. FUNCTIONAL LOCATION: GD:</b> *** IF FOUND WHILE DOING OTHER WORK - ENTER A FL OR EQUIPMENT ID# FROM WORK TICKET***		

Supplemental Information for Performing AC Inspection of HPR-Type Stations

28. SAP EQUIPMENT#: _____			
29. REPAIR CODES - CRW			
OBJECT			
<input type="checkbox"/> ID Percnt Meter (<100)	<input type="checkbox"/> Leak Siney	<input type="checkbox"/> _____	Select 1 Object Type/Part. (WHAT IS THE MAIN FOCUS OF THE WORK?)  HINT: IN CASE OF MULTIPLE OBJECTS OR REPAIR CODES USE NUMBER INSTEAD OF CHECK MARKS.
<input type="checkbox"/> ID Percnt System	<input type="checkbox"/> Motor Control Center	<input type="checkbox"/> Regenerat	
<input type="checkbox"/> Animal System (COG)	<input type="checkbox"/> Meter - 8000000	<input type="checkbox"/> Gas Regit	
<input type="checkbox"/> Animal (>100)	<input type="checkbox"/> Diaphragm Meter	<input type="checkbox"/> Relay	
<input type="checkbox"/> Battery	<input type="checkbox"/> Meter - ElectCorr	<input type="checkbox"/> Relief	
<input type="checkbox"/> Coalt.Compr. - Meter	<input type="checkbox"/> Meter - Flow Computer	<input type="checkbox"/> RTU	
<input type="checkbox"/> Coalt.Compr. - Tub	<input type="checkbox"/> Orifice Meter	<input type="checkbox"/> Sampler	
<input type="checkbox"/> Clart	<input type="checkbox"/> Rotary Meters	<input type="checkbox"/> Separator	
<input type="checkbox"/> Clromatograph	<input type="checkbox"/> Turbine Meter	<input type="checkbox"/> Spair	
<input type="checkbox"/> Control Valve	<input type="checkbox"/> Ultrasonic Meters	<input type="checkbox"/> Scribber	
<input type="checkbox"/> COGI - Flame Pack	<input type="checkbox"/> Odorizer	<input type="checkbox"/> Sulfur Analyzer	
<input type="checkbox"/> COGI - Mobil Units	<input type="checkbox"/> Calibration	<input type="checkbox"/> Tank	
<input type="checkbox"/> COGI - Gas Ports	<input type="checkbox"/> Barometer	<input type="checkbox"/> Thermal Oxidizer	
<input type="checkbox"/> COGI - Gas Scope	<input type="checkbox"/> Odorometer	<input type="checkbox"/> Tower	
<input type="checkbox"/> Gas Track	<input type="checkbox"/> Volt Meter	<input type="checkbox"/> Transducer	
<input type="checkbox"/> Controller	<input type="checkbox"/> Pipe Locator	<input type="checkbox"/> Transmitter	
<input type="checkbox"/> Cooler	<input type="checkbox"/> Oscillator	<input type="checkbox"/> Valve	
<input type="checkbox"/> Corrosion Probe	<input type="checkbox"/> Pipe to Soil Electd	<input type="checkbox"/> Vant	
<input type="checkbox"/> Crane	<input type="checkbox"/> Receiver	<input type="checkbox"/> Variable Freq. Drive	
<input type="checkbox"/> Dehydrator	<input type="checkbox"/> Pilot	<input type="checkbox"/> Air Switch	
<input type="checkbox"/> Detector	<input type="checkbox"/> Pipe	<input type="checkbox"/> Gauge	
<input type="checkbox"/> Dyer	<input type="checkbox"/> PLC	<input type="checkbox"/> Thermocouple	
<input type="checkbox"/> ETS	<input type="checkbox"/> Poind	<input type="checkbox"/> Station	
<input type="checkbox"/> Evaporator	<input type="checkbox"/> Pump	<input type="checkbox"/> Insulation Meter	
<input type="checkbox"/> Fan	<input type="checkbox"/> Power Supply	<input type="checkbox"/> OverSpeed Trip	
<input type="checkbox"/> Gas Filter	<input type="checkbox"/> Flow Recorder	<input type="checkbox"/> Motor	
<input type="checkbox"/> Differential Pressure Gauge	<input type="checkbox"/> Electronic Pressure Recorder	<input type="checkbox"/> Alcohol Pot	
<input type="checkbox"/> Electronic Pressure Gauge	<input type="checkbox"/> Mechanical Pressure Recorder	<input type="checkbox"/> Downlock Safety Valve	
<input type="checkbox"/> Mechanical Pressure Gauge	<input type="checkbox"/> Recb Compr - IC	<input type="checkbox"/> Uplock Safety Valve	
<input type="checkbox"/> Electrical Temperature Gauge	<input type="checkbox"/> Recb Compr - Tub	<input type="checkbox"/> Drip	
<input type="checkbox"/> Galvanic System	<input type="checkbox"/> Recorder	<input type="checkbox"/> Leak Repair	
<input type="checkbox"/> Generator	<input type="checkbox"/> System	<input type="checkbox"/> Scada	
<input type="checkbox"/> Heater	<input type="checkbox"/> Regulator Station	<input type="checkbox"/> Switch	
<input type="checkbox"/> Heat Exchanger	<input type="checkbox"/> HPR Type Regulator Station	<input type="checkbox"/>	
WHAT IS THE SIGNIFICANT FAILURE?      WHAT IS THE MAIN CAUSE?      SELECT THE MAIN ACTIVITY PERFORMED?			
30. DAMAGE		31. CAUSE	
<input type="checkbox"/> Third Party Claim	<input type="checkbox"/> 3 <sup>rd</sup> Party Damage	<input type="checkbox"/> Broke a Static Line	<input type="checkbox"/> Adjustment
<input type="checkbox"/> Third Party Damage	<input type="checkbox"/> Depleted Anode	<input type="checkbox"/> Liquids	<input type="checkbox"/> Calibrate
<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Dead Battery	<input type="checkbox"/> Lighting	<input type="checkbox"/> Clean
<input type="checkbox"/> Contact	<input type="checkbox"/> Cracked Body	<input type="checkbox"/> No Lock Up	<input type="checkbox"/> Install Temporary Clamp
<input type="checkbox"/> Atmospheric Corrosion	<input type="checkbox"/> Bad Boot or Seat	<input type="checkbox"/> Mechanical Malfunction	<input type="checkbox"/> Install Non Slip Coating
<input type="checkbox"/> Internal Corrosion	<input type="checkbox"/> Bad Coating	<input type="checkbox"/> Valve Operator	<input type="checkbox"/> Clear Contact
<input type="checkbox"/> Debris	<input type="checkbox"/> Bad Connections	<input type="checkbox"/> Other	<input type="checkbox"/> Add Cover
<input type="checkbox"/> High Differential	<input type="checkbox"/> Contact	<input type="checkbox"/> Bad Pilot	<input type="checkbox"/> Contain Re-breath
<input type="checkbox"/> No Display	<input type="checkbox"/> Corrosion	<input type="checkbox"/> Bad Plate	<input type="checkbox"/> Rake Frame & Cover
<input type="checkbox"/> Exposed	<input type="checkbox"/> Bad Circuit Board	<input type="checkbox"/> No Power	<input type="checkbox"/> Grease & Operate
<input type="checkbox"/> Idle Facility	<input type="checkbox"/> Broke a Read Dial	<input type="checkbox"/> Over Pressured	<input type="checkbox"/> Cleaned Interference
<input type="checkbox"/> Interference	<input type="checkbox"/> Failed Differential Test	<input type="checkbox"/> Out of Range	<input type="checkbox"/> Change Meter
<input type="checkbox"/> Leak	<input type="checkbox"/> Dig In	<input type="checkbox"/> Street Resurfacing	<input type="checkbox"/> Add Oil
<input type="checkbox"/> Can't Locate	<input type="checkbox"/> Dirty Element	<input type="checkbox"/> Bad Reading	<input type="checkbox"/> Other
<input type="checkbox"/> No Reading	<input type="checkbox"/> Bad Filter	<input type="checkbox"/> Rust or Pitting	<input type="checkbox"/> Clean & Paint
<input type="checkbox"/> Can't Operate	<input type="checkbox"/> Loose Fitting	<input type="checkbox"/> Penetration Seal	<input type="checkbox"/> Patch
<input type="checkbox"/> Other	<input type="checkbox"/> Bad Mechanical Fitting	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Re-Calibrate
<input type="checkbox"/> Bad Output	<input type="checkbox"/> Freezing	<input type="checkbox"/> Land Slide	<input type="checkbox"/> Re-Read
<input type="checkbox"/> Pared Over	<input type="checkbox"/> Frozen or Hard to Turn	<input type="checkbox"/> Sprink	<input type="checkbox"/> Remove
<input type="checkbox"/> No Power	<input type="checkbox"/> Blown Fuse	<input type="checkbox"/> Weather	<input type="checkbox"/> Replace
<input type="checkbox"/> Pressure Problem	<input type="checkbox"/> Gouging	<input type="checkbox"/> Broke a Wire	<input type="checkbox"/> Repair
<input type="checkbox"/> Out of Range	<input type="checkbox"/> Fire/Heat Damage	<input type="checkbox"/> Bad Wrap	<input type="checkbox"/> Reset
<input type="checkbox"/> Bad Reading	<input type="checkbox"/> Bad Hinges		<input type="checkbox"/> Re-Seal
<input type="checkbox"/> Bad Recording	<input type="checkbox"/> Inactivity		<input type="checkbox"/> Send In for Calibration
<input type="checkbox"/> Broke a Stop	<input type="checkbox"/> No Ink		<input type="checkbox"/> Tighten
<input type="checkbox"/> Bad Differential Test	<input type="checkbox"/> Failed Transducer Joint		<input type="checkbox"/> Re-Wrap
<input type="checkbox"/> Unsafe Condition	<input type="checkbox"/> No Test Lead		<input type="checkbox"/> No Action Taken
<input type="checkbox"/> Water	<input type="checkbox"/> Broke a Lid		<input type="checkbox"/> Completed

**Supplemental Information for Performing AC Inspection of HPR-Type Stations**

When filling out a GC Corrective Work Form for this type of work, there are many fields that will commonly have similar information, no matter the specific HPR being inspected. Here are some commonly used values:

1. Problem Description – always begin with “HPR AC Inspection”, so that the work can be easily found in SAP. Then, input the address of the HPR. For example, a Problem Description would look like “HPR AC Inspection 1101 Roosevelt Danville.
7. Comments (Long Text) is the reason the corrective work is needed. Input the pit depth, condition of components, or other reasons in this area. For example: “Active corrosion found on relief valve and on downstream piping. Pit depth v measured above maximum.”
8. How was work identified – always choose “CPUC Audit” for HPR AC inspections.
11. Always select GC Notification.
12. Priority – generally “G = Maint. Compliance” will be selected, unless an emergency situation was encountered, corrective work was done, and the GC Corrective Work Form is being filled out after the corrective work has been completed (this will happen in rare instances when the relief is blowing or there is a severe leak found during the inspection). If emergency work is completed, select priority “A = Emergency Unsafe Condition”.
13. Work Type – select 609 if the meter being fed by the HPR is over 1000 CFH, or 610 if the meter is under 1000 CFH.
14. Crew Class – indicate if a T&R and/or Construction crew is needed.
15. Duration - Estimate the total man hours needed to complete the work.
16. Reported by – enter the LAN ID of the person who inspected the HPR.
20. Technical Inspection By – if the work has already been completed, enter the Foreman’s LAN ID.