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Department:	CONSTRUCTION	Number: PCM-CP-000X-14
Subject:	FIWP HYDROTESTING CHECKLIST	Revision: A

FIWP ID Number:		Date Prepared:		
FIWP Description:				
ITEM DESCRIPTION	YES	NO	N/A	COMMENTS
Hydrotest Package Shall:				
a) Be Assigned A Unique Identification Number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Be Listed In Hydrotest Log	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Have Clearly Identified Limits Indicated On Master Hydrotest P&ID's	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
System, Spool, Tubing Etc To Be Tested Shall Have ID Number And Limits Clearly Indicated And Marked On Package Drawings And Documents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Blinds, Paddles, Gaskets And Bolts Required For Hydrotest Clearly Identified, Listed, Onsite And Ready For Use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Inline Instruments To Be Removed And Blinds Or Temporary Spools Installed Clearly Identified And Listed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All Valve Handwheel/Actuator Positions (Open/Closed) Clearly Indicated And Marked On Drawings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All Check Valve Flappers To Be Removed For Test Clearly Indicated And Marked On Drawings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All Welded Attachment Welded Prior to Filling With Water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Release For Hydrotesting Signed-Off By QC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Crane(s) To Support Work Package:				
Onsite	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Scheduled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Required Rigging And Accessories Onsite And Available To Support Work Package Activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Transportation Requirements For Testing Equipment, Temporary Spools, Materials And Tools Etc.:				
Available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Scheduled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Material Requisitions Complete Ready To Be Submitted For Work Package	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Materials In Warehouse Bagged And Tagged	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Special Training / Qualification Requirements:				
a) Safety; SCABA, High Level Rescue Etc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Equipment Operation; Manlift Etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) Training Complete	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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Permit Requests Complete Ready To Be Submitted For Work Package	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Safety Items And Concerns Clearly Identified, Listed And Addressed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hazard Assessments / Requirements:			
a) Hazard Identified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Assessment Performed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Mitigated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Additional Personnel Protection Equipment Requirements Clearly Identified, Listed, Onsite And Available For Use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection And Testing Requirements Clearly Identified And Listed Including Hold And Witness Points	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydrotesting Equipment Onsite, Calibrated (Up To Date) And Available For Use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydrotest Water:			
a) Is There A Requirement For Desalinated Water For Stainless Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Water Available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Scheduled For Delivery	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydrotest Water Disposal Requirements Clearly Identified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Third Party Inspection Required:			
a) Available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Scheduled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vendor Requirements:			
a) Required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Scheduled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scaffolding / Manlift Requirements:			
a) Identified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Scheduled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Built (Scaffold Only)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All Required Drawings, Details And Specifications Included In Hydrotest Work Package:			
a) Hydrotest Sign-Off Sheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) P&ID's Clearly Marked With Hydrotest Limits (As-Built)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Isometrics Clearly Marked With Hydrotest Limits (As-Built)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) General Arrangements Clearly Marked With Hydrotest Limits (As-Built)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Line Designation Table (Line List) Indicating Lines To Be Tested	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Pipe Support Details	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) Special Requirements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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h) Design Change Notices (If Applicable)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i) Request For Information (If Applicable)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j) QC Release For Testing (Signed-Off)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k) Hydrotest Checklist	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l) Lessons Learned Suggestion Form	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOTE: All Documents Included In Hydrotest Package Shall Be Clearly Marked With Hydrotest Package Identification Number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydrotest System / Package Status:			
a) Hydrotest Package Prepared Ready For Use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Hydrotest System Ready For Testing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Hydrotest Complete	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Sign-Off Sheet Signed By All Parties	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) System Ready For Reinstatement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Planner Name (print):	Planner Signature:		Issue Date:
Superintendent Name (Print):	Superintendent Signature:		Issue Date:
Work Foreman Name:	Work Foreman Signature:		Work Start Date:
Work Foreman Name:	Work Foreman Signature:		Work Completion Date: