



INSPECTION & TEST PLAN

PEPPING #12 Vessel 3/15 133016		Date:		LEGEND	
Client: HUSKY		LSD: C-75 H/94 1-B-SWB & PI Throat		S Subcontractor	
				R Review Documents	
				SU Surveillance	
				N/A Not Applicable	
PO No.: 340075965		Inspector		Client Inspector	
Controlling Procedure or Instruction		Verifying Document		Inspection Requirements	
Task No.	Task Description	QC Activity	Acceptance Criteria	Legend	Date
1	ITP Acceptance	Prepare ITP Based on Inspection Activities	All Points Defined	R	Dec 17, 2013
2	Welding Procedure Review	Check WPS / PQR used in the project as designed by Line Class	ASME Section IX ASME B31.3	R	Dec 17, 2013
3	Welder Performance Qualification Review	Check Welder Qualification	ASME Section IX ASME B31.3	R	Jan 2, 2014
4	NDT Personal Certificate Review	Check NDE Personal Qualification	ASME Section V, SNF-TCA, CGSB Regulations	R	Jan 2, 2014
5	Material Receiving Inspection	Check Marking Surface Quality, Size	ASME Section II, Purchase Order	SU	March 20, 2014
6	MTR Review	Check All The Test Items of MTR	ASME Section II, Purchase Order	SU	March 20, 2014
7	Welding Consumable Inspection	Check Consumables	ASME Section II Part C, QC Manual	SU	Feb 7, 2014
8	Material Specification	Verify Color Code on Pipe, Stamping on Fittings	ASME B31.3	R	March 24, 2014
9	Fit-Up of Fitting To Fitting Joints	Visual Inspections of Joint Filament	ASME B31.3	SU	March 24/25, 2014
10	Welding of Fittings to Fittings	Approved Vendor Weld Procedure	Approved WPS ASME B31.3	SU	March 24/25, 2014
11	Visual Inspection	Check The Weldment Size, Surface, Root, Inside & Outdoor Quality	ASME B31.3	SU	March 24/25, 2014
12	Welder ID	Check Welder ID	ASME B31.3	R	March 25, 2014



13	RT	10% Select Welding Joints, Review Film, Record & Control RT Percentage, 10% RT All Butt Welds (Piping in Sweet Service) 10% MPI all Fillet Welds.	QC Manual ASME B31.3	ASME B31.3 HUSKY Specs	RT Report, This ITP	R	March 27, 2014	R	03 04 14
14	Mapping Of 100% Welds & Material	Select Welding Joints, Map & Witness	ASME B31.3	ASME B31.3, HUSKY Specs	This ITP, Weld Map	R	March 26, 2014	R	26 03 14
15	Interenal Hydro-Test	Prepare Hydro Test Reports	Quality Control Manual	HUSKY Spec, Approved Dwgs	Hydro Test Reports, This ITP	SU	April 3, 2014	R	03 03 14
16	Test Equipment	Verify Range for Testing, Verify Calibration	Quality Control Manual	ASME B31.3, Approved Dwgs	Calibration Certificate	R	Jan 31, 2014	R	26 03 14
17	Witness Hydro Test	Witness Hydro Test, Inspect Flanged and Threaded Connection, Welds, See Note 1	Quality Control Manual	ASME B31.3, Approved Dwgs, HUSKY Specs	Hydro Test Reports, This ITP	SU	April 3, 2014	W/M	03 03 14
18	File Completion	Prepare & Review	Vendor Quality Control Manual	Approved Dwgs, HUSKY Spec	Documentation Manual	R	April 11, 2014	R	11 04 14
19	AS-83 Data Report, AS-41 Declaration or Registration of Fittings	Prepare & Review	Vendor QC Manual ABSA Regulation And HUSKY Specification	ASME B31.3 HUSKY Spec	AS-83 Data Report, This ITP	R	April 11, 2014	R	11 04 14



David P. Butlin
11 04 14

Note 1: - Process tubing to be hydrotested to 1.5 x P Design with controlled chlorides content in testing media
- (250 ppm) 1/A Lines to be Pneumotested to 1.1x P Design or hydrotested to 1.5x P Design, with immediate drying after test.