



ISO 9001:2008

## MAGNETIC PARTICLE EXAMINATION FORM M - 163585

ACUREN

CLIENT RTV DATE March 31/14 PAGE 1 OF 1  
ATTENTION Dave ACUREN JOB No. 231-37989-84 TIME 1pm  
ADDRESS 13-5244 PO/WO No. Vegreville  
PROJECT Husky Set 1 ACCEPTANCE CSA W-89 REV./DATE 2013  
ITEM(S) EXAMINED Pull bars on skid floor STANDARD can-MT-14 Pool Rev 7 REV./DATE Nov 2013  
TECHNIQUE No. N/A REV./DATE N/A

## JOB DESCRIPTION

PART No.                      MATERIAL carbon steel THICKNESS N/A  
SCOPE To perform a black on white examination on the listed welds.

## TEST DETAILS

METHOD ☐ DRY ☒ WET ☐ FLUORESCENT ☐ NON FLUORESCENT ☒ AC ☐ DC ☒ YOKE ☐ COIL ☐ HEAD ☐ CONDUCTOR BAR  
FAMILY BRAND Magnaflux PARTICLE PRODUCT CODE 7HF MT INSTRUMENT Probe S/N 21506 CAL DUE DATE Mar 19/15  
PARTICLE COLOUR ☒ GREY ☐ RED ☐ BLACK ☐ GREEN BLACK LIGHT S/N ☐ OUTPUT > 1000  $\mu$  W/cm<sup>2</sup> ☐ AMBIENT < 2 fc  
SUSPENSION ☐ WATER ☒ OIL ☐ NOT APPLICABLE LIGHTING EQUIP ☒ FLASHLIGHT ☐ TROUBLELIGHT ☒ OUTPUT > 100 fc @ SURFACE  
CONTRAST PAINT Magnaflux PRODUCT No. WCP-2 OTHER                       
MAG. TIME 5 SECONDS DEMAG. REQUIRED? ☐ Yes ☒ No LIGHT METER S/N 1752801 CAL DUE DATE Oct 23/14

## TEST SURFACE

THE TECHNIQUE HAS BEEN DEMONSTRATED OVER A PAINTED SURFACE: ☐ YES ☒ NOT APPLICABLE  
SURFACE CONDITION ☐ AS GROUND ☒ AS WELDED ☐ MACHINED ☐ SHOT BLASTED ☐ CLEAN BARE METAL  
SURFACE TEMPERATURE ☒ < 57°C/135°F ☐ 57°C/135°F TO 316°C/600°F ☐ > 316°C/600°F

## RESULTS

## DRAWING

Husky 13-5244 Skid #1  
4- 8" spots on the pull bars  
of the skid floor were  
examined, 2 on each side.

A black on white examination was  
carried out on the pull bars of the  
skid floor. No relevant indications  
were noted. Welds examined are  
acceptable to code

## SIGNATURES

CLIENT REPRESENTATIVE                      DTR No. 2406748  
TECHNICIAN (SIGN) Marie Lederer SIGNATURE B. Osmond REPORT REVIEW                       
PRINT NAME Marie Lederer Brad Osmond INITIAL                       
1<sup>ST</sup> TECHNICIAN 2<sup>ND</sup> TECHNICIAN  
CGSB LEVEL II SNT LEVEL II CGSB LEVEL                      SNT LEVEL                       
CGSB REG. No. 10289 CGSB REG. No.                     









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Form Rev. Date: July 2013

## INSPECTION & TEST PLAN

SKID #1 Vessel s/n 13307			Date:			LEGEND					
			LSD: C-79-H/94-1-8-SWB&PL Bivouac			S Subcontractor			R Review Documents		
Client: HUSKY						W Witness			SU Surveillance		
			PO No.: 8400759965			H Hold Point			NA Not Applicable		
TASK No.	Task Description	QC Activity	Controlling Procedure or Instruction	Acceptance Criteria	Verifying Document	INSPECTION REQUIREMENTS					
						Vendor QC Inspector			Client Inspector		
						legend	Sign	Date	Legend	Sign	Date
1	ITP Acceptance	Prepare ITP Based on Inspection Activities.	HUSKY Approved	All Points Defined	This ITP	R		Dec 17,2013	H		
2	Material for Use in Manufacturing	Verify Material Grade and Size to Drawing, Job #, Indicated on Material	Drawing Details	Approved Drawing	This ITP, Vendor Purchase Order, Manufacturer Sticker or Supplier Markings	R		Jan 10,2014	R		
3	Structure Layout	Inspect the Layout when Structure is Fit Up Prior to Welding. Verify Orientation, Straightness and Location of Beams Angles, Channels, Gussets and Studs	Approved Drawing	Approved Drawing	This ITP	SU		March 18,2014	SU		
4	Welding	Visually Check	Approved Drawing	A.W.P. or Review and Acceptance by Supervising Welder	This ITP, Acceptance by Responsible Welder	SU		March 18/19,2014	H		
5	Required NDE	5% MPI all Fillet Welds , 100% RT all Butt Welds	HUSKY Specs	Husky Specs	This ITP	W		March 31,2014	R		
6	Final Dimensions of Skid	Verify Dimensions	Approved Drawing	Approved Drawing	This ITP	SU		March21,2014	SU		
7	Final Visual	Visual Inspection	Approved Drawing	Approved Drawing	This ITP	SU		March21,2014	SU		
8	Insulation/Painting	Verify Thickness/ Visual Inspection	Client Specs	Approved Drawing	This ITP	SU		March21,2014	H		