



Gulf Coast Breathing Air

Load Test and Magnetic Particle Inspection

Client:	Gulf Coast Breathing Air
Location:	Wallisville Rd, Houston, Texas
Work Instruction No.:	C2012/107
Report No.:	C2012/107/001
Date of Inspection:	April / May, 2012



Introduction

The following report details inspection works carried out by Cotech IRM Services at the Wallisville Road in Houston, Texas facility during April and May 2012.





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This report has been divided into the following sections for ease of reference.

Section 1 Load test Reports

Section 2 Magnetic Inspection Reports





Section 1 Load test Reports





Section 2 Magnetic Inspection Reports





Magnetic Particle Inspection Report

Customer : Gulf Coast Breathing Air		Rig Name : Gulf Coast Breathing Air, Houston, TX	
P.O. No : 90904161209	W.I. No.: C2012/107	Report No : MPI/C2012-107-001	
Procedure: QCP/MPI/010		Surface : Buffed / New	
Equipment : Electromagnetic Yoke		Equipment Serial No : 16807	

Permanent Magnet / Pull 40lbs : No		Magnetic Flow : Yes	Coil : No
Electromagnet / Pull 10lbs : Yes	Voltage : 110V	Current Flow : No	Longitudinal : Yes
Other : -		Pole Spacing : 4-6 Inches	Circular : No
Flux Indicator :	Light Type :	Background :	Indicator :
Berthold: No	Natural: Yes	Magnaflux WCP 2	Magnaflux 7HF
Burmah Strip: Yes	Artificial: No	Batch No : 103G03K	Batch No : 09J18K

Client : Gulf Coast Breathing Air		Item : Lifting D Ring	
Drawing No.:		Specification: AWS D1.1	
Material : Carbon Steel	Location: Skid 1	Quantity: 4	
Identification / Serial No : D1 thru D4		Coating: None	

<p><u>Comments :</u></p> <p>Magnetic Particle Inspection was performed on all accessible welds of the above-mentioned item(s), per and post load testing.</p> <p><u>Results:</u></p> <p>No surface breaking defects were found at time of inspection.</p> <p><u>Recommendation:</u></p> <p>Acceptable to specifications.</p>	
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Inspector : Scott Serrambana Quall : ASNT Level II	Signature : 	Date : May 2 nd , 2012
For Client use :		For Certifying Auth. use :


Magnetic Particle Inspection Report

Customer : Gulf Coast Breathing Air		Rig Name : Gulf Coast Breathing Air, Houston, TX	
P.O. No : 90904161209	W.I. No.: C2012/107	Report No : MPI/C2012-107-002	
Procedure: QCP/MPI/010		Surface : Buffed / New	
Equipment : Electromagnetic Yoke		Equipment Serial No : 16807	

Permanent Magnet / Pull 40lbs : No		Magnetic Flow : Yes	Coil : No
Electromagnet / Pull 10lbs : Yes	Voltage : 110V	Current Flow : No	Longitudinal : Yes
Other : -		Pole Spacing : 4-6 Inches	Circular : No
Flux Indicator :	Light Type :	Background :	Indicator :
Berthold: No	Natural: Yes	Magnaflux WCP 2	Magnaflux 7HF
Burmah Strip: Yes	Artificial: No	Batch No : 103G03K	Batch No : 09J18K

Client : Gulf Coast Breathing Air		Item : Lifting D Ring	
Drawing No.:		Specification: AWS D1.1	
Material : Carbon Steel	Location: Skid 2	Quantity: 4	
Identification / Serial No : D5 thru D8		Coating: None	

<p><u>Comments :</u></p> <p>Magnetic Particle Inspection was performed on all accessible welds of the above-mentioned item(s), per and post load testing.</p> <p><u>Results:</u></p> <p>No surface breaking defects were found at time of inspection.</p> <p><u>Recommendation:</u></p> <p>Acceptable to specifications.</p>	
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Magnetic Particle Inspection Report

Customer : Gulf Coast Breathing Air		Rig Name : Gulf Coast Breathing Air, Houston, TX	
P.O. No : 90904161209	W.I. No.: C2012/107	Report No : MPI/C2012-107-003	
Procedure: QCP/MPI/010		Surface : Buffed / New	
Equipment : Electromagnetic Yoke		Equipment Serial No : 16807	

Permanent Magnet / Pull 40lbs : No		Magnetic Flow : Yes	Coil : No
Electromagnet / Pull 10lbs : Yes	Voltage : 110V	Current Flow : No	Longitudinal : Yes
Other : -		Pole Spacing : 4-6 Inches	Circular : No
Flux Indicator :	Light Type :	Background :	Indicator :
Berthold: No	Natural: Yes	Magnaflux WCP 2	Magnaflux 7HF
Burmah Strip: Yes	Artificial: No	Batch No : 103G03K	Batch No : 09J18K

Client : Gulf Coast Breathing Air		Item : Lifting D Ring	
Drawing No.:		Specification: AWS D1.1	
Material : Carbon Steel	Location: Skid 3	Quantity: 4	
Identification / Serial No : D9 thru D12		Coating: None	

<p><u>Comments :</u></p> <p>Magnetic Particle Inspection was performed on all accessible welds of the above-mentioned item(s), per and post load testing.</p> <p><u>Results:</u></p> <p>No surface breaking defects were found at time of inspection.</p> <p><u>Recommendation:</u></p> <p>Acceptable to specifications.</p>	
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Magnetic Particle Inspection Report

Customer : Gulf Coast Breathing Air		Rig Name : Gulf Coast Breathing Air, Houston, TX	
P.O. No : 90904161209	W.I. No.: C2012/107	Report No : MPI/C2012-107-004	
Procedure: QCP/MPI/010		Surface : Buffed / New	
Equipment : Electromagnetic Yoke		Equipment Serial No : 16807	

Permanent Magnet / Pull 40lbs : No		Magnetic Flow : Yes	Coil : No
Electromagnet / Pull 10lbs : Yes	Voltage : 110V	Current Flow : No	Longitudinal : Yes
Other : -		Pole Spacing : 4-6 Inches	Circular : No
Flux Indicator :	Light Type :	Background :	Indicator :
Berthold: No	Natural: Yes	Magnaflux WCP 2	Magnaflux 7HF
Burmah Strip: Yes	Artificial: No	Batch No : 103G03K	Batch No : 09J18K

Client : Gulf Coast Breathing Air		Item : Lifting D Ring	
Drawing No.:		Specification: AWS D1.1	
Material : Carbon Steel	Location: Skid 4	Quantity: 4	
Identification / Serial No : D13 thru D16		Coating: None	

<p><u>Comments :</u></p> <p>Magnetic Particle Inspection was performed on all accessible welds of the above-mentioned item(s), per and post load testing.</p> <p><u>Results:</u></p> <p>No surface breaking defects were found at time of inspection.</p> <p><u>Recommendation:</u></p> <p>Acceptable to specifications.</p>	
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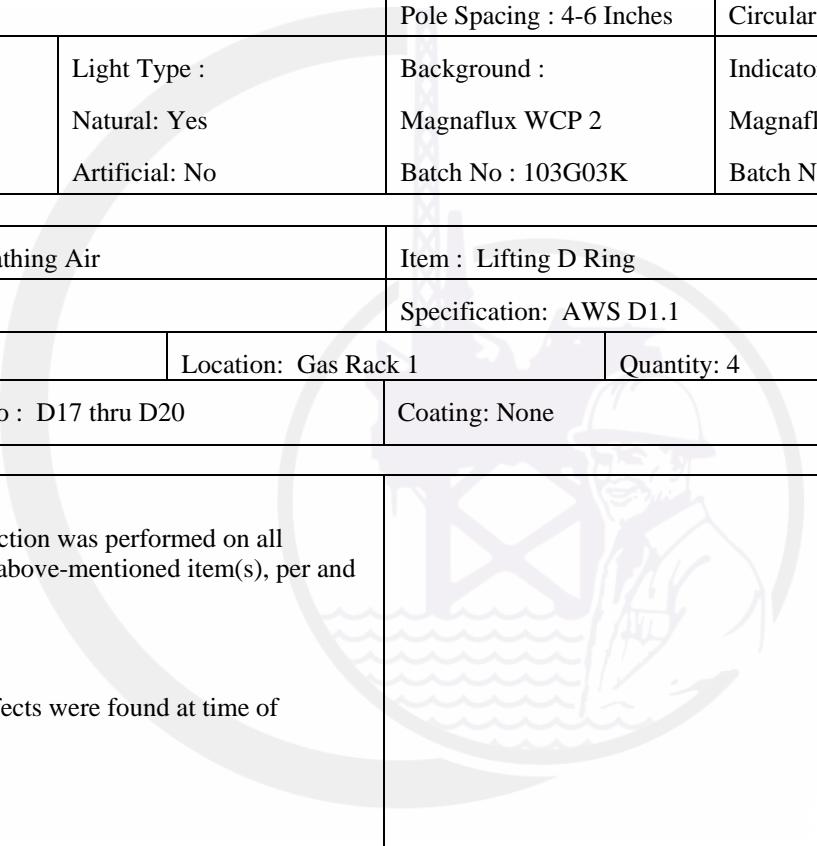
Inspector : Scott Serrambana Quall : ASNT Level II	Signature : 	Date : May 2 nd , 2012
For Client use :		For Certifying Auth. use :


Magnetic Particle Inspection Report

Customer : Gulf Coast Breathing Air		Rig Name : Gulf Coast Breathing Air, Houston, TX	
P.O. No : 90904161209	W.I. No.: C2012/107	Report No : MPI/C2012-107-005	
Procedure: QCP/MPI/010		Surface : Buffed / New	
Equipment : Electromagnetic Yoke		Equipment Serial No : 16807	

Permanent Magnet / Pull 40lbs : No		Magnetic Flow : Yes	Coil : No
Electromagnet / Pull 10lbs : Yes	Voltage : 110V	Current Flow : No	Longitudinal : Yes
Other : -		Pole Spacing : 4-6 Inches	Circular : No
Flux Indicator :	Light Type :	Background :	Indicator :
Berthold: No	Natural: Yes	Magnaflux WCP 2	Magnaflux 7HF
Burmah Strip: Yes	Artificial: No	Batch No : 103G03K	Batch No : 09J18K

Client : Gulf Coast Breathing Air		Item : Lifting D Ring	
Drawing No.:		Specification: AWS D1.1	
Material : Carbon Steel	Location: Gas Rack 1	Quantity: 4	
Identification / Serial No : D17 thru D20		Coating: None	

<p><u>Comments :</u></p> <p>Magnetic Particle Inspection was performed on all accessible welds of the above-mentioned item(s), per and post load testing.</p> <p><u>Results:</u></p> <p>No surface breaking defects were found at time of inspection.</p> <p><u>Recommendation:</u></p> <p>Acceptable to specifications.</p>	
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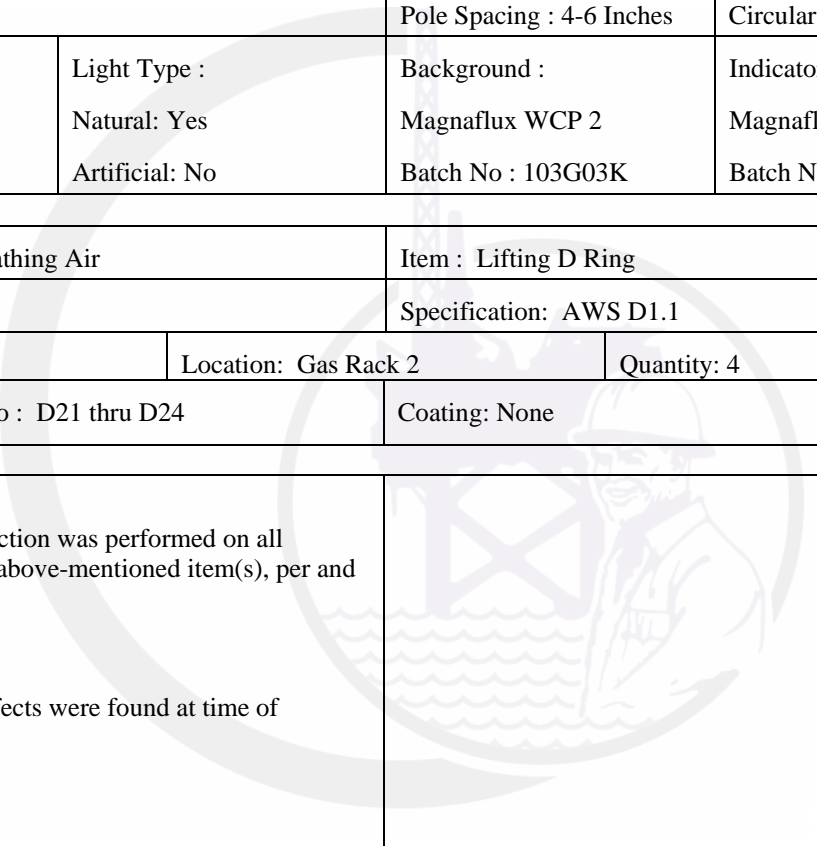
Inspector : Wayne Lacey Quall : ASNT Level II	Signature : 	Date : 16-April-12
For Client use :		For Certifying Auth. use :


Magnetic Particle Inspection Report

Customer : Gulf Coast Breathing Air		Rig Name : Gulf Coast Breathing Air, Houston, TX	
P.O. No : 90904161209	W.I. No.: C2012/107	Report No : MPI/C2012-107-006	
Procedure: QCP/MPI/010		Surface : Buffed / New	
Equipment : Electromagnetic Yoke		Equipment Serial No : 16807	

Permanent Magnet / Pull 40lbs : No		Magnetic Flow : Yes	Coil : No
Electromagnet / Pull 10lbs : Yes	Voltage : 110V	Current Flow : No	Longitudinal : Yes
Other : -		Pole Spacing : 4-6 Inches	Circular : No
Flux Indicator :	Light Type :	Background :	Indicator :
Berthold: No	Natural: Yes	Magnaflux WCP 2	Magnaflux 7HF
Burmah Strip: Yes	Artificial: No	Batch No : 103G03K	Batch No : 09J18K

Client : Gulf Coast Breathing Air		Item : Lifting D Ring	
Drawing No.:		Specification: AWS D1.1	
Material : Carbon Steel	Location: Gas Rack 2	Quantity: 4	
Identification / Serial No : D21 thru D24		Coating: None	

<p><u>Comments :</u></p> <p>Magnetic Particle Inspection was performed on all accessible welds of the above-mentioned item(s), per and post load testing.</p> <p><u>Results:</u></p> <p>No surface breaking defects were found at time of inspection.</p> <p><u>Recommendation:</u></p> <p>Acceptable to specifications.</p>	
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