

CERT. No.:

YVI10005 MTR2007027-520

Revision: A

Form No.: YDFV-RF-QA045

Material Standard: ASTM A216-18 WCB

Parts: Body & Bonnet

Physical Properties

[illegible]

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Address: YDF Industrial Zone, Shangzhuang Town, Yancheng City, Jiangsu Province, China Tel: +86-515-88621172 Fax: +86-515-88621208 www.ydfvalve.com



CERT. No.:

YV110005_MTR2007027-520

Revision: A

Form No.: YDFV-RF-QA045

Material Standard: ASTM A182-20 F6a

Parts: Stem

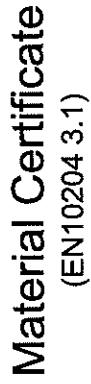
Chemical Analysis(%)

Physical Properties

[illegible]

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CERT. No.:

YVI10005 MTR2007027-520

Revision: A

Form No.: YDFV-RF-QA045

Parts: Bolt

Physical Properties

[illegible]

We hereby certify that material described above, has been tested and complies to the material requirements of the purchase order.

Heat Treatment		Temp °C	Holding Time	Cooling	Furnace	We hereby certify that material described above, has been tested and complies to the material requirements of the purchase order.	
Quenched		860±10°C	1H	Oil	Electric		
Tempered		630±10°C	1.5H	Air	Electric		
Reported :		Wang Haiqing		Approved:	Xu Ya	Accepted:	Jason Legendre
Date:		2020/01/19		Date:	2020/01/19	Date:	2022/03/23

[Signature]



CERT. No.:

YVI10005 MTR2007027-520

Revision: A

Form No.: YDFV-RF-QA045

Material Standard:ASTM A194-20a 2H

Parts: Nut

Chemical Analysis(%)

Physical Properties

[illegible]

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Address: YDF Industrial Zone, Shangzhuang Town, Yancheng City, Jiangsu Province, China
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REPORT# 63576

MT ☒

LT ☐

VT ☒

Date: January 26, 2023 Page 1 of 1
Client: DNOW Canada ULC
Location: Rivest Technologies Inc. JOB #: 63576
Examination Standard: ASME V Art. 7 & 9 P.O. #: 662059923
Acceptance Standard: Syncrude L37 Rev. 17 Cat. 2 W.O. #
Description: Item 10: Qty. (1): 8" 150# YDF Globe Valve

EXAMINATION CONDITIONS: ☐ As Welded ☒ Base Metal ☐ As Ground ☒ Machined ☒ Painted ☐ Shot Blasted Inspection Temp: 15C

Minimum Light Requirements: Fluorescent = Blacklight $\geq 1000\text{uW/cm}^2$ Visible = Visible Light: $\geq 100\text{fc}$ @ exam surface

EQUIPMENT	SERIAL NO.	MPI TECHNIQUE	LPI TECHNIQUE	TEST MEDIUM
<input checked="" type="checkbox"/> Hand Yoke	Magnaflux Y6 43530	<input checked="" type="checkbox"/> AC	<input checked="" type="checkbox"/> Water Washable	<input checked="" type="checkbox"/> Wet: Bayol
<input checked="" type="checkbox"/> Blacklight	Labino UVG3 SN# 55569	<input checked="" type="checkbox"/> DC	<input type="checkbox"/> Solvent Removable	<input checked="" type="checkbox"/> Dry: Magnaflux 14A
<input checked="" type="checkbox"/> Intensity Meter	Spectrolite XR-1000 SN: 1821145	<input checked="" type="checkbox"/> Continuous	Dwell Time 10 min	<input type="checkbox"/>
Calibrated / Due:	Yoke 1/17/2023 Meter 8/30/22, 8/30/23 Daily Check OK	<input type="checkbox"/> Residual	Develop Time 10 min	<input type="checkbox"/>
Rivest Procedure: MT-2 VT-1	Revision: 0	<input checked="" type="checkbox"/> 10lb Bar TB0013	Interpretation Time 10 min	Batch #: OH: ED20860710, 14A: 20B071
	Lighting: LED			

Visual & wet fluorescent magnetic particle examinations were performed on all accessible areas of each of the following:

Item 10: Qty. (1): 8" 150# YDF Globe Valve

SN: YDF20110382 Body Ht #: L09498 Bonnet Ht#: L09840

No rejectable indications were noted during examination.
Valves are acceptable to the above standards.

This Certificate or Report is valid only for that work which was specifically requested. The company is not responsible for any views or opinions expressed by employees performing this work which fall outside the contract terms or reference. All Certificates and/or Reports are the result of work performed in conformance with applicable specifications and standards to the best of our ability and intent. However, the Company will not be responsible for deviation within the normal limits of accuracy in accordance with the standard practices. Final Code Acceptance shall require Client and Manufacturer Representative's signatures.

A.M.		P.M.		TOTAL HOURS	KMS	SUBSISTENCE		CONSUMABLES
TIME IN	TIME OUT	TIME IN	TIME OUT	S.T. hrs		MAN DAY	OT/MEALS	
				O.T. hrs				

Interpretation is done in accordance with the specified standard, to the best of my professional ability.

Technician: Bill Parry SNT/CGSB Level CGSB II # 18188 Assistant:
The above interpretation is a professional opinion, final interpretation is the responsibility of the client.

Client Representative (Print): _____ Sign: _____ Date: January 26, 2023

NDT REPORT FOR SYNCRUDE CANADA LTD.

Syncrude P.O. No.:	Body Serial No.:	YDF20110382
Manufacturer: YDF	Tag No.:	
Type: Globe	Size: 8"	Rating: 150
Body Heat No.: L09498	Bonnet Heat No.: L09840	
Syncrude Specification: L37 Rev. 17	Inspection Category 2	

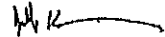
VISUAL INSPECTION			
Testing Co.:	Rivest Technologies Inc.	Inspector:	Bill Parry
Qualification:	SNT Level II	Date:	January 26, 2023
Test Methods:	MSS-SP-25	MSS-SP-55 ✓	API 600 ✓
Test Results:	Accepted ✓	Rejected	API 602 ✓

MAGNETIC PARTICLE EXAMINATION			
Testing Co.:	Rivest Technologies Inc.	Inspector:	Bill Parry
Qualification:	CGSB Level II	Date:	January 26, 2023
Test Methods:	MSS-SP-53	Colour Contrast	Wet Fluorescent ✓
Test Results:	Accepted ✓	Rejected	Dry Powder

CASTING RADIOGRAPHY						
Testing Co.:	Inspector:					
Qualification:	Date:					
Test Methods:	ANSI B16.34 Appendix 1	Spot	Full			
Test Results						
Class	Defect	Body	Observed Level	Bonnet	Accept	Reject
A	Porosity/Blow holes					
B	Sand/Slag					
CA	Shrinkage Type 1					
CB	Shrinkage Type 2					
CC	Shrinkage Type 3					
CD	Shrinkage Type 4					
D	Cracks					
E	Hot Tears					
F	Unfused Inserts					
G	Mottling					

Hydrostatic Pressure Testing						
Testing Co.	Inspector:					
Qualification	Date					
Type of Test	API 598	Shell	Backseat	High Pressure Closure		
Test Results	Shell	Backseat	Closure	Accept	Reject	
Test Pressure (psi)						
Duration Seconds						
Leakage (drops/min.)						

The undersigned hereby certifies that the above are the test results and an approved laboratory performed the tests.

Name: Bill Parry Signature: 
 Position: Technician Date: January 26, 2023