



INSPECTION AND TEST CERTIFICATE
EN-10204-3.1

Certificate # / Rev : 76612 / 0

VELAN INC.
7007 COTE DE LIESSIE
MONTREAL, QC
H4T 1G2

Customer Name : DNOW / TS & M SUPPLY
Customer PO # : 662278836
Design Spec : API-594

Velan Order # : SO0053437
Customer Order Pos : 70
Quantity : 1

Position No.: 35

Drawing Number : SPL-002B89-3XB-02 Rev. A
Tag Number(s) : SEE ATTACHED

Figure Number : PL14-002B89-3XB-X0001
Description : 6"150 LG RF WCB/WCB/CoCr

SPM# LVCRI392
PO# 4510367496

NOTES :

CRN: 0C0991.62
RT EXAMINATION RESULTS AS PER VEL-NDT-802, REV. 2 & CATEGORY II VALVES
PT EXXAMINATION HAS BEEN PERFORMED AND ACCEPTED ON REPORT AND DISC HARDFACING
MT EXAMINATION RESULTS AS PER VEL-NDT-801, REV. 15
VISUAL INSPECTION HAS BEEN PERFORMED AND ACCEPTED
HARDNESS BODY : 140 HB
DISC MATERIAL - ASTM A216, WCB - SEATING SURFACE - STELLITE
HINGE / STOP / RETAINER PINS - NITRONIC 60 MATERIAL
LOW PRESSURE AIR SEAT TEST WAS PERFORMED AND ACCEPTED FOR 1 HOUR AT 80 PSIG - 57.6 ML/MIN

Test Standard : API-598

Dimensional Examination : ACCEPTABLE

Markings MSS SP-25: ACCEPTABLE

Visual : ACCEPTABLE

Test Type	Shell	Packing	Seat (HP)	Seat (HRP)	Backseat
Duration (min)	60	N/A	N/A	60	N/A
Pressure (psig)	450	N/A	N/A	325	N/A
Result	0 LEAKAGE	N/A	N/A	8CC/MIN	N/A

Supplier			Heat Code	Arm Code	Description	CHEMICALS				MECHANICALS							
VY			VYB05H0	A216-21-WCB-5	BODY	CARBON (C)	0.202	MANGANESE (Mn)	0.904	PHOSPHOROUS (P)	0.016	UTS (MPa)	515.0000	UTS (ksi)	74.6944	YIELD (MPa)	318.0000
						SULFUR (S)	0.008	SILICON (SI)	0.416	COPPER (Cu)	0.001	YIELD (ksi)	46.1220	E (%)	35.1000	RA (%)	60.9000
						NICKEL (Ni)	0.120	CHROMIUM (Cr)	0.097	MOLYBDENUM (Mo)	0.018	Heat Treatment					
						VANADIUM (V)	0.004	ALUMINIUM (Al)	0.044	NORMALIZED							
						CE	0.38										

Velan certifies that all valve(s) described above are in compliance with purchase order and specification requirements.

Cathy O'Donnell

CATHY O'DONNELL

29 Apr 2025

QC Documentation Administrator

Date

Customer Representative

Date

TEST REPORT (EN-10204-2.1)

Valve Item	Specification
DISC	ASTM A216, WCB (NACE)



INSPECTION AND TEST CERTIFICATE

EN-10204-3.1

Page 3 Of 3
Certificate # / Rev : 76612 / 0

TAG NUMBER

LVCRI392

VEEYES ALLOYS PRIVATE LIMITED 518/1A&1B,SARAVANAMPATTI,THUDIYALUR ROAD, VELLAKINAR POST, COIMBATORE - 641 029.,PH:0422-2689959,2669992, FAX:0422-2669991, INDIA												VS-A-LAB-06 Rev 00 Effect From 19.08.2020 ISO 9001 :2015							
INSPECTION CERTIFICATE As per EN 10204 3.1																			
Customer: VELAN INC												T.C. No : V7/AN2173-3/24							
												T.C.Date : 31-Aug-2024							
P.Order : P10013800												Heat No : AN2173							
												Pour Date : 05-Aug-2024							
												Heat Code : VYR05H05 ←							
Specification : ASTM A 216 Gr WCB-21												CASTING PROCESSED BY INDUCTION MELTING FOUNDRY IDENTIFICATION : VS							
CHEMICAL COMPOSITION %																			
Element	C	Mn	Si	P	S	Cr	Ni	Mo	Cu	V	CE	RE	Al						
Minimum	---	---	---	---	---	---	---	---	---	---	---	---	---						
Maximum	0.230	1.000	0.600	0.035	0.035	0.500	0.500	0.200	0.300	0.030	0.430	1.000	0.060						
Actual	0.202	0.904	0.416	0.016	0.008	0.097	0.120	0.018	0.001	0.004	0.385	0.240	0.044						
HEAT TREATMENT : Normalizing - Heated to 920°C soaked for 8.00 hrs and air cooled Cycle No.VSA0459																			
MECHANICAL PROPERTIES																			
Requirments	Yield Strength		Tensile Strength		% Elongation	% Reduction	Hardness	Bend Test		Impact Test In ()									
	Mpa	Kgf/mm²	Mpa	Kgf/mm²	GL :50 mm	In Area	HB	At 120 ° D=3t		(10mm X 10mm X 55mm)									
	0.2 % Rp																		
Minimum	250	25.49	485	49.46	22.00	35.00	---	-											
Maximum	---	---	655	66.79	---	---	237	-		1	2	3	Avg						
Actual	318	32.43	515	52.52	35.10	60.90	151			--	--	--	--						
ITEM DESCRIPTION																			
SL.No	Description					Drawing No.			Part No.				Qty						
1	6"150 WC LUG PRE-MACH BODY					501-06271 REV-G			501-06271-031R-PM1 / Po.S.NO:5				6						
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> <p style="text-align: center;">Certificate Review by Velan</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Cathy O'Donnell</td> <td style="width: 20%; text-align: center;"><i>COD</i></td> <td style="width: 20%;">Date</td> <td style="width: 20%; text-align: center;">03-18-2025</td> </tr> </table> </div> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%; text-align: center;"> <p style="font-size: 1.2em; font-weight: bold;">APPROVED</p> <p>By Priteshbhai Patel (#96) at 4:26 pm, Mar 17, 2025</p> </div>																Cathy O'Donnell	<i>COD</i>	Date	03-18-2025
Cathy O'Donnell	<i>COD</i>	Date	03-18-2025																
Remarks : Visual Inspection as per MSS SP-55 Type Ila-XIla Satisfactory. The above Castings are free from Radioactive contamination. This certificates confirms to VEL-SPS-001 Q & M Rev 27 & NACE MR0175-2021 / ISO 15156-2020 / MR0103-2016. Fettle Normalized and Shot blasted Rust Preventive coating Applied. We certify that during manufacturing processes,test,and inspections, the product supplied for this purchase order did not come in direct contact with mercury or any of its compounds, nor with any mercury containing device employing a single boundary of containment are acceptable statements attesting to freedom from mercurial contamination.																			
We Confirm that the above material was manufactured, sampled, tested and inspected in accordance with the drawings, customer order requirements , material specification ASTM A 216 Gr WCB-21 and was found to meet the requirements.																			
 A.Senathipathi-Deputy Manager-QA								 M.Senthil kumar - Q.A Manager											



VEEYES ALLOYS PRIVATE LIMITED

S.F 518/1AB, SARAVANAMPATTY, THUDIYALUR ROAD, VELLAKINAR POST,
COIMBATORE, Pin code : 641029, TAMILNADU, INDIA, Mail :rt@veeyesalloys.com

VS-A-QA-06 Rev 01 Effect
From 23.06.2021

Report : **1232/24-25**

RADIOGRAPHIC EVALUATION REPORT

Date : 31-AUG-24

Customer : VELAN INC
Po No : P10013800
Description : 6"150 WC LUG PRE-MACH BODY
Material Spec : WCB
Drawing No : 501-06271 REV-G
Part No : 501-06271-031R-PM1 / Po.S.NO:5
Source Strength : Ir : 46.9 Ci Co: 60 Ci Be/Li : -
Source Size : Ir : 2.0 X 1.0 mm Co: 3.8 X 4.9 mm
Be / Li :-
Technique : SWSI
I.Q.I Type : ASTM HOLE
Film Brand, Type : FUJI IX100
Stage of Test : AFTER HEATTREATMENT
RSS Ref No : V72705 Rev-0
Heat No : AN2173
Heat Code : VYR05H05
R.T.No : VSH1162
Date of Test : 28-AUG-24
Screen : LEAD
Screen Thick Front : Ir : 0.13mm Co: 0.25mm Be/Li : -
Screen Thick Back : Ir : 0.15mm Co: 0.30mm Be/Li : -
Area of Coverage : ASME B16.34
Evaluation As Per : ASTM E446, E186
Procedure Ref. : VEL-NDT-802 REV.02, ASTM E94
Acceptance STD : ASME B16.34 Appendix-I

Sno	Location	Source	Thick (mm)	SFD (mm)	IQI				Density		Film Size (Inch)	Findings *	Classifi - cation	Remarks
					Designation		Sensitivity		Min	Max				
					Source	Film	Req.	Achd.						
1	1	CO 60	110	600	80		2-2T	2-2T	2.8	2.9	16 X 8 X 1	B	1	Acceptable
2	2	CO 60	110	600	80		2-2T	2-2T	2.9	3.5	16 X 8 X 1	B	1	Acceptable
3	P	IR 192	40	500	30		2-2T	2-2T	2.7	2.8	8 X 8 X 1	A	1	Acceptable

*A : Gas Hole / Porosity ; B : Inclusion ; CA, CB, CC, CD : Shrinkage ; D : Crack ; E : Hot Tear ; F : Insert ; G : Mottling ; NSD : No Significant Defect ; ND : No Defect

Casting Acceptance Level : 1

Ir 192 Films : 1

Co 60 Films : 2

Beta / Linac Films : 0

Ir 192 Area : 64

Co 60 Area : 256

Beta / Linac Area : 0

For VEEYES ALLOYS PRIVATE LIMITED

RTM MOOLA
ENT-TC-1A LEVEL
UT.MT.PT.V
EN ISO-9712
VEL-2 RTM

Customer

External Inspector

VEEYES**VEEYES ALLOYS PRIVATE LIMITED**S.F 518/1AB, SARAVANAMPATTY, THUDIYALUR ROAD, VELLAKINAR POST,
COIMBATORE, Pin code : 641029, TAMILNADU, INDIA, Mail :rt@veeyesalloys.comVS-A-QA-06 Rev 01 Effect
From 23.06.2021Report : **1233/24-25**

Date : 31-AUG-24

RADIOGRAPHIC EVALUATION REPORT

Customer : VELAN INC
 Po No : P10013800
 Description : 6"150 WC LUG PRE-MACH BODY
 Material Spec : WCB
 Drawing No : 501-06271 REV-G
 Part No : 501-06271-031R-PM1 / Po.S.NO:5
 Source Strength : Ir: 46.9 Ci Co: 60 Ci Be/Li: -
 Source Size : Ir: 2.0 X 1.0 mm Co: 3.8 X 4.9 mm
 : Be / Li :-
 Technique : SWSI
 I.Q.I Type : ASTM HOLE
 Film Brand, Type : FUJI IX100
 Stage of Test : AFTER HEATTREATMENT
 RSS Ref No : V2705 Rev-0
 Heat No : AN2173
 Heat Code : VYR05H05
 R.T.No : VSH1163
 Date of Test : 28-AUG-24
 Screen : LEAD
 Screen Thick Front : Ir: 0.13mm Co: 0.25mm Be/Li: -
 Screen Thick Back : Ir: 0.15mm Co: 0.30mm Be/Li: -
 Area of Coverage : ASME B16.34
 Evaluation As Per : ASTM E446, E186
 Procedure Ref. : VEL-NDT-802 REV.02, ASTM E94
 Acceptance STD : ASME B16.34 Appendix-I

Sno	Location	Source	Thick (mm)	SFD (mm)	IQI				Density		Film Size (Inch)	Findings *	Classifi- cation	Remarks
					Designation		Sensitivity		Min	Max				
					Source	Film	Req.	Achd.						
1	1	CO 60	110	600	80		2-2T	2-2T	2.7	3.2	16 X 8 X 1	B	1	Acceptable
2	2	CO 60	110	600	80		2-2T	2-2T	2.9	3.4	16 X 8 X 1	B	1	Acceptable
3	P	IR 192	40	500	30		2-2T	2-2T	2.8	2.9	8 X 8 X 1	A	1	Acceptable

*A : Gas Hole / Porosity ; B : Inclusion ; CA, CB, CC, CD : Shrinkage ; D : Crack ; E : Hot Tear ; F : Insert ; G : Mottling ; NSD : No Significant Defect ; ND : No Defect


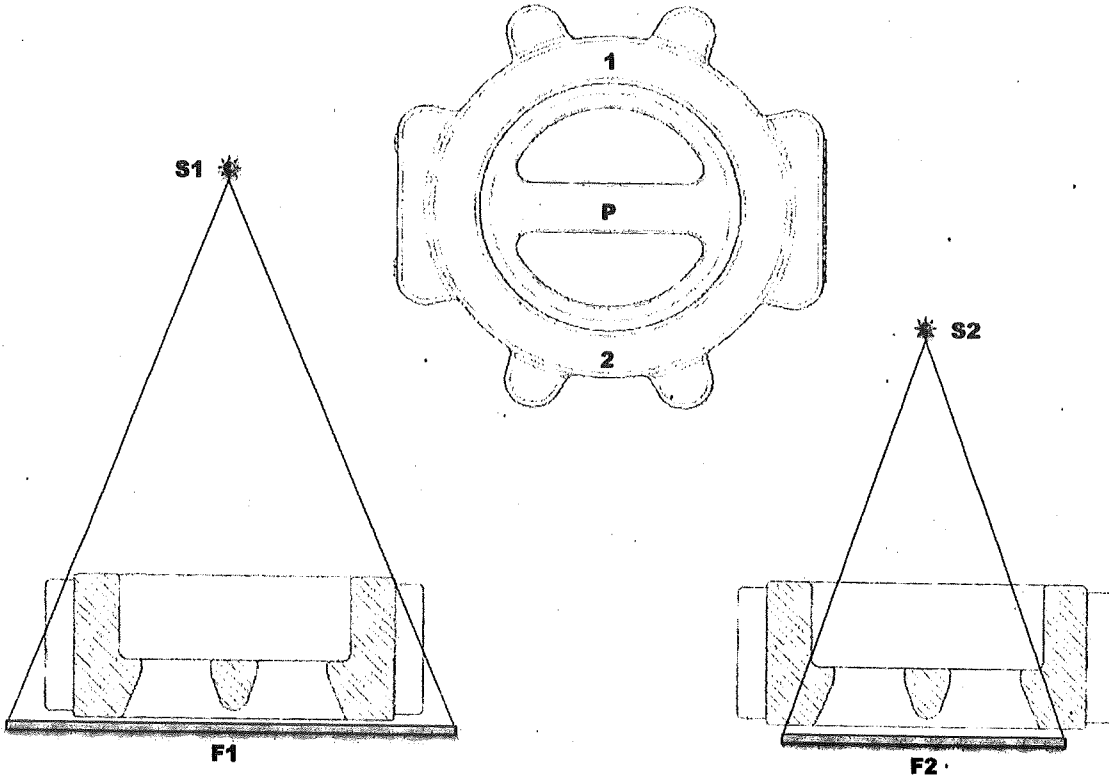


Casting Acceptance Level : 1
 Ir 192 Films : 1
 Ir 192 Area : 64
 Co 60 Films : 2
 Co 60 Area : 256
 Beta / Linac Films : 0
 Beta / Linac Area : 0

For VEEYES ALLOYS PRIVATE LIMITED

ATHIMOOLA
 RT-TC-14 LEVEL
 RT, UT, MT, PT, VT
 EN ISO-9712
 LEVEL 2 RT

Customer

External Inspector

		VEEYES ALLOYS PRIVATE LIMITED																							
		RADIOGRAPHY SHOOTING SKETCH																							
Customer	:	VELAN - INC						R.S.S.No:	V72705																
Description	:	6"150 LG RF BODY SOFT						Rev	:	0															
Drg No	:	501-06271 REV-G						Date	:	21-Apr-24															
Procedure :VEL-NDT-802 REV.02, ASTM E94					Acceptance:ASME B16.34 Appendix-I																				
																									
Sri. No.	Location	Thickness mm	IQI		Min SFD (mm)	Source	Film Size L x W x Qty	No. of Exposure	Film Position	Source Position	Technique														
			Design	Sensitivity																					
1	1, 2	110	80	2-2T	600	Co-60	16 X 8 X 1	2	F1	S1	SWSI														
2	P	40	30	2-2T	500	Ir-192	8 X 8 X 1	1	F2	S2	SWSI														
<table border="1"> <tr> <td>Total No. of Films</td> <td>Ir-192</td> <td>1</td> <td>Co-60</td> <td>2</td> <td>LINAC</td> <td>-</td> </tr> <tr> <td>Total Sq.Inches</td> <td>Ir-192</td> <td>64</td> <td>Co-60</td> <td>256</td> <td>LINAC</td> <td>-</td> </tr> </table>												Total No. of Films	Ir-192	1	Co-60	2	LINAC	-	Total Sq.Inches	Ir-192	64	Co-60	256	LINAC	-
Total No. of Films	Ir-192	1	Co-60	2	LINAC	-																			
Total Sq.Inches	Ir-192	64	Co-60	256	LINAC	-																			
Prepared By		Approved By						AREA OF COVERAGE																	
 R.RANJITH SNT-TC-1A LEVEL-II RT, UT, MT, PT, VT		Customer Velan Source Inspector  R.Rajkumar 2024.05.03				External Inspector		100% AREA & CRITICAL AREA																	
VS-A-QA-07 Rev.00		15:39:56 +05'30'						Page 1 of 1																	

VELAN

SPM# LVCR1392
PO# 4510367496

NON-DESTRUCTIVE TEST REPORT

CERT # 76612

CUSTOMER	DNOW CANADA
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VELAN ORDER: SO0053437 **POS:** 35 **ITEM:** 70

DESCRIPTION: PL14-002B89-3XB-X0001 / 6" 150 DUAL PLATE WAFER CHECK VALVE

NDE PERFORMED ON: BODY AND DISC HARDFACING

Velan hereby certifies that NDE has been performed on this material in accordance with contractual requirements as indicated (☒) and that all results conform to the acceptance standard of the referenced examination procedure, the Code and Design Specification.

TYPE OF TEST

☐ MAGNETIC PARTICLE EXAMINATION PROCEDURE

Rev.

☒ LIQUID PENETRANT EXAMINATION PROCEDURE

VEL-NDT-800 Rev. 13

Body Hardfacing - All Accessible Surfaces

Disc Hardfacing - All Accessible Surfaces

QUALIFICATION OF INSPECTOR: SNT-TC-1A, LEVEL II

INSPECTOR NAME: M. Moldovan - Insp # 101, P. Patel - Insp # 96

NOTES:


CERTIFIED BY:

Cathy O'Donnell

Q.C. DOCUMENTATION ADMINISTRATOR

April 30, 2025.

DATE _____

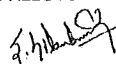

	VEEYES ALLOYS PRIVATE LIMITED S.F 518/1AB, SARAVANAMPATTY, THUDIYALUR ROAD, VELLAKINAR POST, COIMBATORE, Pin code : 641029, TAMILNADU, INDIA, Mail : qa@veeyesalloys.com		VS-AE-QA-02 Rev 01 Effect From 30.05.2022	
	MAGNETIC PARTICLE TEST CERTIFICATE		Report : 23270/24	
			Date : 04-Sep-2024	

Customer	: VELAN INC	Equipment Type	: Prod Type
Material Specification	: ASTM A 216 Gr WCB-21	Equipment Make & SL.No	: DHEV-2014012530
Surface Condition	: AS CAST	Type of Magnetism	: CIRCULAR
Stage Of Test	: AFTER HEAT TREATMENT	Type of Current	: HWDC
Lighting	: UV Light	Amperes	: 200-400 AMPS
Background Darkness	: 1 LUX	Lifting Power	: NA
Type Of Indicator	: PIE INDICATOR	Prod / Pole Spacing	: 2-4 INCHES
Contrast Paint	: NA	Area Tested	: ALL ACCESSIBLE AREA
Method	: WET- FLUORESCENT	Residual Magnetism	: 0 GAUSS
Particle Type	: Fluorescent	Procedure Standard	: VEL-NDT- 801 R/15
Particle Application Method: BY HAND HELD BOTTLE		Acceptance Standard	: ASME B16.34 APPENDIX II

Particle	Make	Batch No.	Expiry Date
MG2410	MAGNAFLUX	22M58	DEC-2027

Sl. No	P.O.No. & Date	Description	Drawing No. / Part No.	Heat No.	Date of Test	Surface Temp. °C	Thick (mm) Above	MPI No.	Light Intensity	Bath Concentration Level
1	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4052	1170 µW / CM²	0.25 ml
2	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4056	1170 µW / CM²	0.25 ml
3	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4055	1170 µW / CM²	0.25 ml
4	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4054	1170 µW / CM²	0.25 ml
5	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4057	1170 µW / CM²	0.25 ml
6	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4053	1170 µW / CM²	0.25 ml
7	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2174	28-Aug-2024	30	32	VNB4160	1170 µW / CM²	0.25 ml
8	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2174	28-Aug-2024	30	32	VNB4159	1170 µW / CM²	0.25 ml

Observation	: No Significant Defect
Result	: Acceptable

For VEEYES ALLOYS PRIVATE LIMITED  E.SILAMBARASAN MT-ASNT Level-II & ISO 9712 Level-2 Tested By	For VEEYES ALLOYS PRIVATE LIMITED  M.SENTHILKUMAR MT-ASNT Level-II & ISO 9712 Level-2 Inspected By	Customer	External Inspector
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INSPECTION AND TEST CERTIFICATE
EN-10204-3.1

VELAN INC.

7007 COTE DE LIESSE
MONTREAL, QC
H4T 1G2

Customer Name : DNOW / TS & M SUPPLY
Customer PO # : 662278836
Design Spec : API-594
Drawing Number : 5PL-002B89-3XB-02 Rev. A
Tag Number(s) : SEE ATTACHED

Velan Order # : SO0053437
Customer Order Pos : 60
Quantity : 1
Figure Number : PL14-002B89-3XB-X0001
Description : 6" 150 LG RF WCB/WCB/CoCr

SPM# LVCR1392
PO# 4510367496

Position No.: 30

NOTES :

RT EXAMINATION RESULTS AS PER VEL-NDT-802, REV. 2 & CATEGORY II VALVES
PT EXAMINATION HAS BEEN PERFORMED AND ACCEPTED ON BODY AND DISC HARDFACING - REFER TO REPORT ATTACHED
MT EXAMINATION HAS BEEN PERFORMED ON BODY AS PER VEL-NDT-801, REV. 15 - REPORT ATTACHED
VISUAL INSPECTION HAS BEEN PERFORMED AND ACCEPTED
HARDNESS FOR BODY: 146 HB
LOW PRESSURE AIR SEAT TEST WAS PERFORMED AND ACCEPTED FOR 1 HOUR AT 80 PSIG - 86.8 ML/MIN
CWTR FOR BODY ATTACHED
VALVES MEET THE MATERIAL REQUIREMENTS OF CURRENT NACE MR0103 & NACE MR0175 / ISO 15156.
IT IS THE END USER'S RESPONSIBILITY TO ENSURE THAT MATERIALS ARE SUITABLE FOR THE INTENDED SERVICE.

Test Standard : API-598	Dimensional Examination : ACCEPTABLE	Markings MSS SP-25: ACCEPTABLE	Visual : ACCEPTABLE
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Test Type		Shell	Packing	Seat (HP)	Seat (HP)	Backseat
Duration	(min)	60	N/A	N/A	60	N/A
Pressure	(psig)	450	N/A	N/A	325	N/A
Result		0 LEAKAGE	N/A	N/A	5CC/MIN	N/A

Supplier	Heat Code	Asm Code	Description	CHEMICALS					MECHANICALS							
				CARBON (C)	0.202	MANGANESE (Mn)	0.904	PHOSPHOROUS (P)	0.016	UTS (MPa)	515.0000	UTS (ksi)	74.6944	YIELD (MPa)	318.0000	
VY	VYR05H05	A216-21-WCB	BODY	SULFUR (S)	0.008	SILICON (Si)	0.416	COPPER (Cu)	0.001	YIELD (ksi)	46.1220	E (%)	35.1000	RA (%)	60.9000	
				NICKEL (Ni)	0.120	CHROMIUM (Cr)	0.097	MOLYBDENUM (Mo)	0.018	NORMALIZED						
				VANADIUM (V)	0.004	ALUMINIUM (Al)	0.044	Heat Treatment								
				CE	0.38											



INSPECTION AND TEST CERTIFICATE
EN-10204-3.1

Page 2 Of 3
Certificate # / Rev : 76669 / 1

Velan certifies that all valve(s) described above are in compliance with purchase order and specification requirements.


RITA MANOUKIAN

QC Documentation Administrator

05 May 2025

Customer Representative

Date

Date

TEST REPORT (EN-10204-2.1)

Valve Item

Specification

DISC

ASTM A216, WCB (NACE)



INSPECTION AND TEST CERTIFICATE



EN-10204-3.1

Page 3 Of 3

Certificate # / Rev : 76669 / 1

TAG NUMBER

LVCRI392

VEEYES ALLOYS PRIVATE LIMITED 518/1A&1B, SARAVANAMPATTI, THUDIYALUR ROAD, VELLAKINAR POST, COIMBATORE - 641 029., PH: 0422-2669959, 2669992, FAX: 0422-2669991, INDIA												VS-A-LAB-06 Rev 00 Effect From 19.08.2020 ISO 9001 : 2015							
INSPECTION CERTIFICATE As per EN 10204 3.1																			
Customer: VELAN INC												T.C. No : V7/AN2173-3/24							
												T.C. Date : 31-Aug-2024							
P.Order : P10013800												Heat No : AN2173							
												Pour Date : 05-Aug-2024							
												Heat Code : VYR05H05							
Specification : ASTM A 216 Gr WCB-21												CASTING PROCESSED BY INDUCTION MELTING FOUNDRY IDENTIFICATION : VS							
CHEMICAL COMPOSITION %																			
Element	C	Mn	Si	P	S	Cr	Ni	Mo	Cu	V	CE	RE	Al						
Minimum	---	---	---	---	---	---	---	---	---	---	---	---	---						
Maximum	0.230	1.000	0.600	0.035	0.035	0.500	0.500	0.200	0.300	0.030	0.430	1.000	0.060						
Actual	0.202	0.904	0.416	0.016	0.008	0.097	0.120	0.018	0.001	0.004	0.385	0.240	0.044						
HEAT TREATMENT : Normalizing - Heated to 920°C soaked for 8.00 hrs and air cooled Cycle No. VSA0459																			
MECHANICAL PROPERTIES																			
Requirments	Yield Strength		Tensile Strength		% Elongation	% Reduction	Hardness	Bend Test		Impact Test in ()									
	Mpa	Kgf/mm²	Mpa	Kgf/mm²	GL : 50 mm	In Area	HB	At 120 ° D=3t		(10mm X 10mm X 55mm)									
	0.2 % Rp		-		-	-	-												
Minimum	250	25.49	485	49.46	22.00	35.00	---	-											
Maximum	---	---	655	66.79	---	---	237	-		1	2	3	Avg						
Actual	318	32.43	515	52.52	35.10	60.90	151			--	--	--	--						
ITEM DESCRIPTION																			
SL.No	Description					Drawing No.			Part No.				Qty						
1	6"150 WC LUG PRE-MACH BODY					501-06271 REV-G			501-06271-031R-PM1 / Po.S.NO:5				6						
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> <p style="text-align: center;">Certificate Review by Velan</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; border-bottom: 1px solid black;">Cathy O'Donnell</td> <td style="width: 20%; border-bottom: 1px solid black;"><i>COO</i></td> <td style="width: 20%; border-bottom: 1px solid black;">Date</td> <td style="width: 20%; border-bottom: 1px solid black;">03-18-2025</td> </tr> </table> </div> <div style="text-align: center; margin-top: 20px;"> <div style="border: 2px solid black; padding: 10px; display: inline-block;"> APPROVED By Priteshbhai Patel (#96) at 4:26 pm, Mar 17, 2025 </div> </div>																Cathy O'Donnell	<i>COO</i>	Date	03-18-2025
Cathy O'Donnell	<i>COO</i>	Date	03-18-2025																
Remarks : Visual Inspection as per MSS SP-55 Type Ila-XIla Satisfactory. The above Castings are free from Radioactive contamination. This certificates confirms to VEL-SPS-001 Q & M Rev 27 & NACE MR0175-2021 / ISO 15156-2020 / MR0103-2016. Fettle Normalized and Shot blasted Rust Preventive coating Applied. We certify that during manufacturing processes, test, and inspections, the product supplied for this purchase order did not come in direct contact with mercury or any of its compounds, nor with any mercury containing device employing a single boundary of containment are acceptable statements attesting to freedom from mercurial contamination.																			
We Confirm that the above material was manufactured, sampled, tested and inspected in accordance with the drawings, customer order requirements, material specification ASTM A 216 Gr WCB-21 and was found to meet the requirements.																			
 A. Senathipathi-Deputy Manager-QA								 M. Senthil Kumar - Q.A Manager											

P5-251008

Page 1 of 1

VEEYES**VEEYES ALLOYS PRIVATE LIMITED**S.F 518/1AB, SARAVANAMPATTY, THUDIALUR ROAD, VELLAKINAR POST,
COIMBATORE, Pin code : 641029, TAMILNADU, INDIA, Mail :rt@veeyesalloys.comVS-A-QA-06 Rev 01 Effect
From 23.06.2021Report : **1259/24-25**Date : **03-SEP-24****RADIOGRAPHIC EVALUATION REPORT**Customer : VELAN INC
Po No : P10013800
Description : 6"150 WC LUG PRE-MACH BODYHeat No : AN2173
Heat Code : VYR05H05
R.T.No : VSH1161
Date of Test : 28-AUG-24
Screen : LEADMaterial Spec : WCB
Drawing No : 501-06271 REV-G
Part No : 501-06271-031R-PM1 / Po.S.NO:5
Source Strength : Ir : 46 Ci Co: 60 Ci Be/Li : -
Source Size : Ir : 2.0 X 1.0 mm Co: 3.8 X 4.9 mm
Be / Li :-Screen Thick Front : Ir : 0.13mm Co: 0.25mm Be/Li : -
Screen Thick Back : Ir : 0.15mm Co: 0.30mm Be/Li : -
Area of Coverage : ASME B16.34
Evaluation As Per : ASTM E446, E186
Procedure Ref. : VEL-NDT-802 REV.02, ASTM E94Technique : SWSI
I.Q.I Type : ASTM HOLE

Film Brand, Type : FUJI IX100

Stage of Test : AFTER HEATTREATMENT

Acceptance STD : ASME B16.34 Appendix-I

RSS Ref No : V72705 Rev.0

Sno	Location	Source	Thick (mm)	SFD (mm)	IQI				Density		Film Size (Inch)	Findings *	Classifi - cation	Remarks
					Designation		Sensitivity		Min	Max				
					Source	Film	Req.	Achd.						
1	1	CO 60	110	600	80		2-2T	2-2T	2.9	3.1	16 X 8 X 1	NSD	-	Acceptable
2	2	CO 60	110	600	80		2-2T	2-2T	3.1	3.3	16 X 8 X 1	A	1	Acceptable
3	P	IR 192	40	500	30		2-2T	2-2T	2.9	3.0	8 X 8 X 1	A,B	1,1	Acceptable

*A : Gas Hole / Porosity ; B : Inclusion ; CA, CB, CC, CD : Shrinkage ; D : Crack ; E : Hot Tear ; F : Insert ; G : Mottling, NSD : No Significant Defect, ND : No Defect

Casting Acceptance Level : 1,1

Ir 192 Films : 1
Ir 192 Area : 64Co 60 Films : 2
Co 60 Area : 256Beta / Linac Films : 0
Beta / Linac Area : 0

For VEEYES ALLOYS PRIVATE LIMITED

VELAN RT EVALUATION

ACCEPT ☒ REJECT ☐ Gavin Stigings
Velan Inc.
Level III

DATE:

Sam 13, 2025
Customer

External Inspector

S. ATHIMOOLAM
SNT-TC-1A LEVEL II
RT, UT, MT, PT, VT
EN ISO-9712
LEVEL-2 RT, UT

NON-DESTRUCTIVE TEST REPORT

CERT # 76669

CUSTOMER DNOW CANADA

VELAN ORDER: SO0053437 POS: 30 ITEM: 60

DESCRIPTION: PL14-002B89-3XB-X0001 / 6" 150 DUAL PLATE WAFER CHECK VALVE

NDE PERFORMED ON: BODY AND DISC HARDFACING

Velan hereby certifies that NDE has been performed on this material in accordance with contractual requirements as indicated (☒) and that all results conform to the acceptance standard of the referenced examination procedure, the Code and Design Specification.

TYPE OF TEST

☐ MAGNETIC PARTICLE EXAMINATION PROCEDURE

Rev.

☒ LIQUID PENETRANT EXAMINATION PROCEDURE

VEL-NDT-800 Rev. 13

Body Hardfacing - All Accessible Surfaces

Disc Hardfacing - All Accessible Surfaces

QUALIFICATION OF INSPECTOR: SNT-TC-1A, LEVEL II

INSPECTOR NAME: M. Moldovan - Insp # 101 / P. Patel - Insp # 96

NOTES:


CERTIFIED BY:

Rita Manoukian *Rita Manoukian*

Q.C. DOCUMENTATION ADMINISTRATOR

May 5, 2025

DATE

	VEEYES ALLOYS PRIVATE LIMITED S.F 518/1AB, SARAVANAMPATTY, THUDIYALUR ROAD, VELLAKINAR POST, COIMBATORE, Pin code : 641029, TAMILNADU, INDIA, Mail : qa@veeyesalloys.com		VS-AE-QA-02 Rev 01 Effect From 30.05.2022	
	MAGNETIC PARTICLE TEST CERTIFICATE		Report : 23270/24	
			Date : 04-Sep-2024	

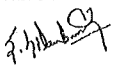

Customer	: VELAN INC	Equipment Type	: Prod Type
Material Specification	: ASTM A 216 Gr WCB-21	Equipment Make & SL.No	: DHEV-2014012530
Surface Condition	: AS CAST	Type of Magnetism	: CIRCULAR
Stage Of Test	: AFTER HEAT TREATMENT	Type of Current	: HWDC
Lighting	: UV Light	Amperes	: 200-400 AMPS
Background Darkness	: 1 LUX	Lifting Power	: NA
Type Of Indicator	: PIE INDICATOR	Prod / Pole Spacing	: 2-4 INCHES
Contrast Paint	: NA	Area Tested	: ALL ACCESSIBLE AREA
Method	: WET- FLUORESCENT	Residual Magnetism	: 0 GAUSS
Particle Type	: Fluorescent	Procedure Standard	: VEL-NDT- 801 R/15
Particle Application Method	: BY HAND HELD BOTTLE	Acceptance Standard	: ASME B16.34 APPENDIX II

Particle	Make	Batch No.	Expiry Date
MG2410	MAGNAFLUX	22M58	DEC-2027

Sl. No	P.O.No. & Date	Description	Drawing No. / Part No.	Heat No.	Date of Test	Surface Temp. °C	Thick (mm) Above	MPI No.	Light Intensity	Bath Concentration Level
1	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4052	1170 µW / CM²	0.25 ml
2	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4056	1170 µW / CM²	0.25 ml
3	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4055	1170 µW / CM²	0.25 ml
4	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4054	1170 µW / CM²	0.25 ml
5	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4057	1170 µW / CM²	0.25 ml
6	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4053	1170 µW / CM²	0.25 ml
7	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2174	28-Aug-2024	30	32	VNB4160	1170 µW / CM²	0.25 ml
8	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2174	28-Aug-2024	30	32	VNB4159	1170 µW / CM²	0.25 ml

Observation : No Significant Defect

Result : Acceptable

For VEEYES ALLOYS PRIVATE LIMITED  E.SILAMBARASAN MT-ASNT Level-II & ISO 9712 Level-2 Tested By	For VEEYES ALLOYS PRIVATE LIMITED  M.SENTHILKUMAR MT-ASNT Level -II & ISO 9712 Level-2 Inspected By	Customer	External Inspector
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INSPECTION AND TEST CERTIFICATE
EN-10204-3.1

VELAN INC.
7007 COTE DE LIESSE
MONTREAL, QC
H4T 1G2

Customer Name : DNOW / TS & M SUPPLY
Customer PO # : 662278836
Design Spec : API-594
Drawing Number : SPL-002B89-3XB-02 Rev. A
Tag Number(s) : SEE ATTACHED

Velan Order # : SO0053437
Customer Order Pos : 50
Quantity : 1
Figure Number : PL14-002B89-3XB-X0001
Description : 6"150 LG RF WCB/WCB/CoCr

SPM# LVCR1392
PO# 4510367496

NOTES :

RT EXAMINATION RESULTS AS PER VEL-NDT-802. REV. 2 & CATEGORY II VALVES
PT EXAMINATION HAS BEEN PERFORMED AND ACCEPTED ON REPORT AND DISC HARDFACING
MT EXAMINATION RESULTS AS PER VEL-NDT-801. REV. 15
VISUAL INSPECTION HAS BEEN PERFORMED AND ACCEPTED
HARDNESS BODY : 144 HB
DISC MATERIAL - ASTM A216, WCB - SEATING SURFACE - STELLITE
HINGE / STOP / RETAINER PINS - NITRONIC 60 MATERIAL
LOW PRESSURE AIR SEAT TEST WAS PERFORMED AND ACCEPTED FOR 1 HOUR AT 80 PSIG - 576 ML/MIN

Test Standard : API-598

Dimensional Examination : ACCEPTABLE

Markings MSS SP-25: ACCEPTABLE

Visual : ACCEPTABLE

Test Type		Shell	Packing	Seat (HP)	Seat (HP)	Backseat
Duration (min)		60	N/A	N/A	60	N/A
Pressure (psig)		450	N/A	N/A	325	N/A
Result		0 LEAKAGE	N/A	N/A	6CC/MIN	N/A

Supplier	Heat Code	Asm Code	Description	CHEMICALS				MECHANICALS			
				CARBON (C)	0.202	MANGANESE (Mn)	0.904	PHOSPHOROUS (P)	0.016	UTS (MPa)	515.0000
VY	VYR05H0	A216-21-WCB-	BODY	SULFUR (S)	0.008	SILICON (Si)	0.416	COPPER (Cu)	0.001	YIELD (ksi)	46.1220
				NICKEL (Ni)	0.120	CHROMIUM (Cr)	0.097	MOLYBDENUM (Mo)	0.018	E (%)	35.1000
				VANADIUM (V)	0.004	ALUMINIUM (Al)	0.044			RA (%)	60.9000
				C E	0.38					NORMALIZED	
										UTS (ksi)	74.6944
										YIELD (MPa)	318.0000



INSPECTION AND TEST CERTIFICATE
EN-10204-3.1

Page 2 Of 3
Certificate # / Rev : 76624 / 0

Velan certifies that all valve(s) described above are in compliance with purchase order and specification requirements.

Cathy O'Donnell

CATHY O'DONNELL

30 Apr 2025

QC Documentation Administrator

Date

Customer Representative

Date

TEST REPORT (EN-10204-2.1)

Valve Item

DISC

Specification

ASTM A216, WCB (NACE)



INSPECTION AND TEST CERTIFICATE

EN-10204-3.1

Page 3 Of 3
Certificate # / Rev : 76624 / 0

TAG NUMBER

LVCRI392

VEEYES ALLOYS PRIVATE LIMITED 518/1A&1B, SARAVANAMPATTI, THUDIYALUR ROAD, VELLAKINAR POST, COIMBATORE - 641 029, PH: 0422-2669959, 2669992, FAX: 0422-2669991, INDIA												VS-A-LAB-06 Rev 00 Effect From 19.08.2020 ISO 9001 : 2015			
INSPECTION CERTIFICATE As per EN 10204 3.1															
Customer: VELAN INC										T.C. No : V7/AN2173-3/24 T.C. Date : 31-Aug-2024					
P.Order : P10013800										Heat No : AN2173 Pour Date : 05-Aug-2024 Heat Code : VYR05H05					
Specification : ASTM A 216 Gr WCB-21										CASTING PROCESSED BY INDUCTION MELTING FOUNDRY IDENTIFICATION : VS					
CHEMICAL COMPOSITION %															
Element	C	Mn	Si	P	S	Cr	Ni	Mo	Cu	V	CE	RE	Al		
Minimum	---	---	---	---	---	---	---	---	---	---	---	---	---		
Maximum	0.230	1.000	0.600	0.035	0.035	0.500	0.500	0.200	0.300	0.030	0.430	1.000	0.060		
Actual	0.202	0.904	0.416	0.016	0.008	0.097	0.120	0.018	0.001	0.004	0.385	0.240	0.044		
HEAT TREATMENT : Normalizing - Heated to 920°C soaked for 8.00 hrs and air cooled Cycle No. VSA0459															
MECHANICAL PROPERTIES															
Requirments	Yield Strength		Tensile Strength		% Elongation	% Reduction	Hardness	Bend Test		Impact Test In ()					
	Mpa	Kgf/mm²	Mpa	Kgf/mm²	GL : 50 mm	In Area	HB	At 120° D=3l		(10mm X 10mm X 55mm)					
	0.2 % Rp				-	-	-								
Minimum	250	25.49	485	49.46	22.00	35.00	---	-							
Maximum	---	---	655	66.79	---	---	237	-		1	2	3	Avg		
Actual	318	32.43	515	52.52	35.10	60.90	151			--	--	--	--		
ITEM DESCRIPTION															
SL. No.	Description					Drawing No.			Part No.				Qty		
1	6"150 WC LUG PRE-MACH BODY					501-06271 REV-G			501-06271-031R-PM1 / Po.S.NO:5				6		
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> <div style="text-align: center;">Certificate Review by Velan</div> <div style="display: flex; justify-content: space-between;"> Cathy O'Donnell <i>CDD</i> Date 03-18-2025 </div> </div> <div style="text-align: center; margin-top: 20px;"> <div style="border: 2px solid black; padding: 10px; display: inline-block;"> APPROVED <i>By Priteshbhai Patel (#96) at 4:26 pm, Mar 17, 2025</i> </div> </div>															
Remarks : Visual Inspection as per MSS SP-55 Type Ila-XIla Satisfactory. The above Castings are free from Radioactive contamination. This certificates confirms to VEL-SPS-001 Q & M Rev 27 & NACE MR0175-2021 / ISO 15156-2020 / MR0103-2016. Fettle Normalized and Shot blasted Rust Preventive coating Applied. We certify that during manufacturing processes, test, and inspections, the product supplied for this purchase order did not come in direct contact with mercury or any of its compounds, nor with any mercury containing device employing a single boundary of containment are acceptable statements attesting to freedom from mercurial contamination.															
We Confirm that the above material was manufactured, sampled, tested and inspected in accordance with the drawings, customer order requirements, material specification ASTM A 216 Gr WCB-21 and was found to meet the requirements.															
<div style="text-align: center;"> A. Senathipathi-Deputy Manager-QA </div>								<div style="text-align: center;"> M. Senthil Kumar - Q.A Manager </div>							


VEEYES ALLOYS PRIVATE LIMITED

 S.F 518/1AB, SARAVANAMPATTY, THUDIYALUR ROAD, VELLAKINAR POST,
 COIMBATORE, Pin code : 641029, TAMILNADU, INDIA, Mail :rt@veeyesalloys.com

 VS-A-QA-06 Rev 01 Effect
 From 23.06.2021
Report : **1232/24-25**

Date : 31-AUG-24

RADIOGRAPHIC EVALUATION REPORT

Customer : VELAN INC
 Po No : P10013800
 Description : 6"150 WC LUG PRE-MACH BODY
 Material Spec : WCB
 Drawing No : 501-06271 REV-G
 Part No : 501-06271-031R-PM1 / Po.S.NO:5
 Source Strength : Ir : 46.9 Ci Co: 60 Ci Be/Li : -
 Source Size : Ir: 2.0 X 1.0 mm Co: 3.8 X 4.9 mm
 : Be / Li :-
 Technique : SWSI
 I.Q.I Type : ASTM HOLE
 Film Brand, Type : FUJI IX100
 Stage of Test : AFTER HEATTREATMENT
 RSS Ref No : V72705 Rev-0
 Heat No : AN2173
 Heat Code : VYR05H05
 R.T.No : VSH1162
 Date of Test : 28-AUG-24
 Screen : LEAD
 Screen Thick Front : Ir: 0.13mm Co: 0.25mm Be/Li: -
 Screen Thick Back : Ir: 0.15mm Co: 0.30mm Be/Li: -
 Area of Coverage : ASME B16.34
 Evaluation As Per : ASTM E446, E186
 Procedure Ref. : VEL-NDT-802 REV.02, ASTM E94
 Acceptance STD : ASME B16.34 Appendix-I

Sno	Location	Source	Thick (mm)	SFD (mm)	IQI				Density		Film Size (Inch)	Findings *	Classifi - cation	Remarks
					Designation		Sensitivity		Min	Max				
					Source	Film	Req.	Achd.						
1	1	CO 60	110	600	80		2-2T	2-2T	2.8	2.9	16 X 8 X 1	B	1	Acceptable
2	2	CO 60	110	600	80		2-2T	2-2T	2.9	3.5	16 X 8 X 1	B	1	Acceptable
3	P	IR 192	40	500	30		2-2T	2-2T	2.7	2.8	8 X 8 X 1	A	1	Acceptable

*A : Gas Hole / Porosity ; B : Inclusion ; CA, CB, CC, CD : Shrinkage ; D : Crack ; E : Hot Tear ; F : Insert ; G : Mottling, NSD : No Significant Defect, ND : No Defect

Casting Acceptance Level : 1

 Ir 192 Films : 1
 Ir 192 Area : 64

 Co 60 Films : 2
 Co 60 Area : 256

 Beta / Linac Films : 0
 Beta / Linac Area : 0

For VEEYES ALLOYS PRIVATE LIMITED

 RT-TC-1A LEVEL
 RT-UT-MT-PT-V
 EN ISO-9712
 VEL-2 RT

Customer

External Inspector



VEEYES ALLOYS PRIVATE LIMITED

S.F 518/1AB, SARAVANAMPATTY, THUDIYALUR ROAD, VELLAKINAR POST,
COIMBATORE, Pin code : 641029, TAMILNADU, INDIA, Mail :rt@veeyesalloys.com

VS-A-QA-06 Rev 01 Effect
From 23.06.2021

Report : **1233/24-25**

Date : 31-AUG-24

RADIOGRAPHIC EVALUATION REPORT

Customer : VELAN INC
Po No : P10013800
Description : 6"150 WC LUG PRE-MACH BODY
Material Spec : WCB
Drawing No : 501-06271 REV-G
Part No : 501-06271-031R-PM1 / Po.S.NO:5
Source Strength : Ir : 46.9 Ci Co: 60 Ci Be/Li : -
Source Size : Ir : 2.0 X 1.0 mm Co: 3.8 X 4.9 mm
Be / Li : -
Technique : SWSI
I.Q.I Type : ASTM HOLE
Film Brand, Type : FUJI IX100
Stage of Test : AFTER HEATTREATMENT
RSS Ref No : V2705 Rev-0
Heat No : AN2173
Heat Code : VYR05H05
R.T.No : VSH1163
Date of Test : 28-AUG-24
Screen : LEAD
Screen Thick Front : Ir : 0.13mm Co: 0.25mm Be/Li : -
Screen Thick Back : Ir : 0.15mm Co: 0.30mm Be/Li : -
Area of Coverage : ASME B16.34
Evaluation As Per : ASTM E446, E186
Procedure Ref. : VEL-NDT-802 REV.02, ASTM E94
Acceptance STD : ASME B16.34 Appendix-I

Sno	Location	Source	Thick (mm)	SFD (mm)	IQI				Density		Film Size (Inch)	Findings *	Classifi - cation	Remarks
					Designation		Sensitivity		Min	Max				
					Source	Film	Req.	Achd.						
1	1	CO 60	110	600	80		2-2T	2-2T	2.7	3.2	16 X 8 X 1	B	1	Acceptable
2	2	CO 60	110	600	80		2-2T	2-2T	2.9	3.4	16 X 8 X 1	B	1	Acceptable
3	P	IR 192	40	500	30		2-2T	2-2T	2.8	2.9	8 X 8 X 1	A	1	Acceptable

*A : Gas Hole / Porosity ; B : Inclusion ; CA, CB, CC, CD : Shrinkage ; D : Crack ; E : Hot Tear ; F : Insert ; G : Mottling ; NSD : No Significant Defect ; ND : No Defect

Casting Acceptance Level : 1
Ir 192 Films : 1
Ir 192 Area : 64
Co 60 Films : 2
Co 60 Area : 256
Beta / Linac Films : 0
Beta / Linac Area : 0


For VEEYES ALLOYS PRIVATE LIMITED

ATHIMOOLA
NT-TC-11 LEVEL
RT-UT-MT-PT-V
EN ISO-9712
VEL-NDT

Customer

External Inspector

VEEYES	VEEYES ALLOYS PRIVATE LIMITED																								
	RADIOGRAPHY SHOOTING SKETCH																								
Customer	:	VELAN - INC							R.S.S.No:	V72705															
Description	:	6"150 LG RF BODY SOFT							Rev	0															
Drg No	:	501-06271 REV-G							Date	21-Apr-24															
Procedure :VEL-NDT-802 REV.02, ASTM E94					Acceptance:ASME B16.34 Appendix-I																				
Srl. No.	Location	Thickness s mm	IQI		Min SFD (mm)	Source	Film Size L x W x Qty	No. of Expo sure	Film Position	Source Position	Technique														
			Design	Sensitivity																					
1	1, 2	110	80	2-2T	600	Co-60	16 X 8 X 1	2	F1	S1	SWSI														
2	P	40	30	2-2T	500	Ir-192	8 X 8 X 1	1	F2	S2	SWSI														
<table border="1"> <tr> <td>Total No. of Films</td> <td>Ir-192</td> <td>1</td> <td>Co-60</td> <td>2</td> <td>LINAC</td> <td>-</td> </tr> <tr> <td>Total Sq.Inches</td> <td>Ir-192</td> <td>64</td> <td>Co-60</td> <td>256</td> <td>LINAC</td> <td>-</td> </tr> </table>												Total No. of Films	Ir-192	1	Co-60	2	LINAC	-	Total Sq.Inches	Ir-192	64	Co-60	256	LINAC	-
Total No. of Films	Ir-192	1	Co-60	2	LINAC	-																			
Total Sq.Inches	Ir-192	64	Co-60	256	LINAC	-																			
Prepared By		Approved By						AREA OF COVERAGE																	
 R. RANJITH SNT-TC-1A LEVEL-II RT, UT, MT, PT, VT		Customer Velan Source Inspector R. Rajkumar 2024.05.03				External Inspector		100% AREA & CRITICAL AREA																	
VS-A-QA-07 Rev.00		15:39:56 +05'30'						Page 1 of 1																	

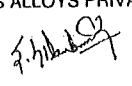

	VEEYES ALLOYS PRIVATE LIMITED S.F 518/1AB, SARAVANAMPATTY, THUDIYALUR ROAD, VELLAKINAR POST, COIMBATORE, Pin code : 641029, TAMILNADU, INDIA, Mail : qa@veeyesalloys.com		VS-AE-QA-02 Rev 01 Effect From 30.05.2022	
	MAGNETIC PARTICLE TEST CERTIFICATE		Report : 23270/24	
			Date : 04-Sep-2024	

Customer	: VELAN INC	Equipment Type	: Prod Type
Material Specification	: ASTM A 216 Gr WCB-21	Equipment Make & SL.No	: DHEV-2014012530
Surface Condition	: AS CAST	Type of Magnetism	: CIRCULAR
Stage Of Test	: AFTER HEAT TREATMENT	Type of Current	: HWDC
Lighting	: UV Light	Amperes	: 200-400 AMPS
Background Darkness	: 1 LUX	Lifting Power	: NA
Type Of Indicator	: PIE INDICATOR	Prod / Pole Spacing	: 2-4 INCHES
Contrast Paint	: NA	Area Tested	: ALL ACCESSIBLE AREA
Method	: WET- FLUORESCENT	Residual Magnetism	: 0 GAUSS
Particle Type	: Fluorescent	Procedure Standard	: VEL-NDT- 801 R/15
Particle Application Method: BY HAND HELD BOTTLE		Acceptance Standard	: ASME B16.34 APPENDIX II

Particle	Make	Batch No.	Expiry Date
MG2410	MAGNAFLUX	22M58	DEC-2027

Sl. No	P.O.No. & Date	Description	Drawing No. / Part No.	Heat No.	Date of Test	Surface Temp. °C	Thick (mm) Above	MPI No.	Light Intensity	Bath Concentration Level
1	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4052	1170 µW / CM²	0.25 ml
2	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4056	1170 µW / CM²	0.25 ml
3	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4055	1170 µW / CM²	0.25 ml
4	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4054	1170 µW / CM²	0.25 ml
5	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4057	1170 µW / CM²	0.25 ml
6	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4053	1170 µW / CM²	0.25 ml
7	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2174	28-Aug-2024	30	32	VNB4160	1170 µW / CM²	0.25 ml
8	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2174	28-Aug-2024	30	32	VNB4159	1170 µW / CM²	0.25 ml

Observation	: No Significant Defect
Result	: Acceptable

For VEEYES ALLOYS PRIVATE LIMITED  E.SILAMBARASAN MT-ASNT Level-II & ISO 9712 Level-2 Tested By	For VEEYES ALLOYS PRIVATE LIMITED  M.SENTHILKUMAR MT-ASNT Level-II & ISO 9712 Level-2 Inspected By	Customer	External Inspector
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NON-DESTRUCTIVE TEST REPORT

CERT # 76624

CUSTOMER DNOW CANADA

VELAN ORDER: SO0053437 POS: 25 ITEM: 50

DESCRIPTION: PL14-002B89-3XB-X0001 / 6" 150 DUAL PLATE WAFER CHECK VALVE

NDE PERFORMED ON: BODY AND DISC HARDFACING

Velan hereby certifies that NDE has been performed on this material in accordance with contractual requirements as indicated (☒) and that all results conform to the acceptance standard of the referenced examination procedure, the Code and Design Specification.

TYPE OF TEST

☐ MAGNETIC PARTICLE EXAMINATION PROCEDURE

Rev.

☒ LIQUID PENETRANT EXAMINATION PROCEDURE

VEL-NDT-800 Rev. 13

Body Hardfacing - All Accessible Surfaces

Disc Hardfacing - All Accessible Surfaces

QUALIFICATION OF INSPECTOR: SNT-TC-1A, LEVEL II

INSPECTOR NAME: M. Moldovan - Insp # 101, P. Patel - Insp # 96

NOTES:

CERTIFIED BY:

Cathy O'Donnell

Q.C. DOCUMENTATION ADMINISTRATOR

April 30, 2025.

DATE



INSPECTION AND TEST CERTIFICATE

EN-10204-3.1

VELAN INC.
7007 COTE DE LIESSE
MONTREAL, QC
H4T 1G2

Customer Name : DNOW / TS & M SUPPLY
Customer PO # : 662278836
Design Spec : API-594
Drawing Number : 5PL-002B89-3XB-02 Rev. A
Tag Number(s) : SEE ATTACHED

Velan Order # : SO0053437
Customer Order Pos : 20
Quantity : 1
Figure Number : PL14-002B89-3XB-X0001
Description : 6"150 LG RF WCB/WCB/CoCr

Position No.: 10
SPM# LVCR1392
PO# 4510367496

NOTES : CRN: 0C0991.62
RT EXAMINATION RESULTS AS PER VEL-NDT-802, REV. 2 & CATEGORY II VALVES
PT EXAMINATION HAS BEEN PERFORMED AND ACCEPTED ON REPORT AND DISC HARDFACING
MT EXAMINATION RESULTS AS PER VEL-NDT-801, REV. 15
VISUAL INSPECTION HAS BEEN PERFORMED AND ACCEPTED
HARDNESS BODY: 144 HB
DISC MATERIAL - ASTM A216, WCB - SEATING SURFACE - STELLITE
HINGE / STOP / RETAINER PINS - NITRONIC 60 MATERIAL
LOW PRESSURE AIR SEAT TEST WAS PERFORMED AND ACCEPTED FOR 1 HOUR AT 80 PSIG - 480 ML/MIN

Test Standard : API-598	Dimensional Examination : ACCEPTABLE	Markings MSS SP-25: ACCEPTABLE	Visual : ACCEPTABLE
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Test Type		Shell	Packing	Seat (HP)	Seat (HP)	Backseat
Duration	(min)	60	N/A	N/A	60	N/A
Pressure	(psig)	450	N/A	N/A	325	N/A
Result		0 LEAKAGE	N/A	N/A	5CC/MIN	N/A

Supplier	Heat Code	Asm Code	Description	CHEMICALS					MECHANICALS						
VY	VYRUSH05 ↑	A216-21-WCB-	BODY	CARBON (C)	0.202	MANGANESE (Mn)	0.904	PHOSPHOROUS (P)	0.016	UTS (MPa)	515.0000	UTS (ksi)	74.6944	YIELD (MPa)	318.0000
				SULFUR (S)	0.008	SILICON (Si)	0.416	COPPER (Cu)	0.001	YIELD (ksi)	46.1220	E (%)	35.1000	RA (%)	60.9000
				NICKEL (Ni)	0.120	CHROMIUM (Cr)	0.097	MOLYBDENUM (Mo)	0.018	NORMALIZED					
				VANADIUM (V)	0.004	ALUMINIUM (Al)	0.044	Heat Treatment							
				CE	0.38										



INSPECTION AND TEST CERTIFICATE
EN-10204-3.1

Page 2 Of 3
Certificate # / Rev : 76623 / 0

Velan certifies that all valve(s) described above are in compliance with purchase order and specification requirements.

Cathy O'Donnell

CATHY O'DONNELL

QC Documentation Administrator

30 Apr 2025

Date

Customer Representative

Date

TEST REPORT (EN-10204-2.1)



Valve Item	Specification
DISC	ASTM A216, WCB (NACE)



INSPECTION AND TEST CERTIFICATE

EN-10204-3.1

TAG NUMBER
LVCRI392

VEEYES ALLOYS PRIVATE LIMITED 518/1A&1B,SARAVANAMPATTI,THUDIYALUR ROAD, VELLAKINAR POST, COIMBATORE - 641 029.,PH:0422-2669959,2669992, FAX:0422-2669991, INDIA												VS-A-LAB-06 Rev 00 Effect From 19.08.2020 ISO 9001 :2015			
INSPECTION CERTIFICATE As per EN 10204 3.1															
Customer: VELAN INC										T.C. No : V7/AN2173-3/24 T.C.Date : 31-Aug-2024					
P.Order : P10013800										Heat No : AN2173 Pour Date : 05-Aug-2024 Heat Code : VYR05H05					
Specification : ASTM A 216 Gr WCB-21										CASTING PROCESSED BY INDUCTION MELTING FOUNDRY IDENTIFICATION : VS					
CHEMICAL COMPOSITION %															
Element	C	Mn	Si	P	S	Cr	Ni	Mo	Cu	V	CE	RE	Al		
Minimum	---	---	---	---	---	---	---	---	---	---	---	---	---		
Maximum	0.230	1.000	0.600	0.035	0.035	0.500	0.500	0.200	0.300	0.030	0.430	1.000	0.060		
Actual	0.202	0.904	0.416	0.016	0.008	0.097	0.120	0.018	0.001	0.004	0.385	0.240	0.044		
HEAT TREATMENT : Normalizing - Heated to 920°C soaked for 8.00 hrs and air cooled Cycle No.VSA0459															
MECHANICAL PROPERTIES															
Requirements	Yield Strength		Tensile Strength		% Elongation	% Reduction	Hardness	Bend Test		Impact Test In (J)					
	Mpa	Kgf/mm ²	Mpa	Kgf/mm ²	GL :50 mm	In Area	HB	At 120 ° D=3l		(10mm X 10mm X 55mm)					
	0.2 % Rp		-		-	-	-	-		-					
Minimum	250	25.49	485	49.46	22.00	35.00	---	-							
Maximum	---	---	655	66.79	---	---	237	-		1	2	3	Avg		
Actual	318	32.43	515	52.52	35.10	60.90	151			--	--	--	--		
ITEM DESCRIPTION															
SL.No	Description					Drawing No.			Part No.					Qty	
1	6"150 WC LUG PRE-MACH BODY					501-06271 REV-G			501-06271-031R-PM1 / Po.S.NO:5					6	
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> <div style="text-align: center;">Certificate Review by Velan</div> <div style="display: flex; justify-content: space-between;"> <div> Cathy O'Donnell <div style="border: 1px solid black; padding: 2px;">COD</div> </div> <div> Date 03-18-2025 </div> </div> </div> <div style="text-align: center; margin-top: 20px;"> <div style="border: 2px solid black; padding: 10px; display: inline-block;"> APPROVED By Priteshbhai Patel (#96) at 4:26 pm, Mar 17, 2025 </div> </div>															
Remarks : Visual Inspection as per MSS SP-55 Type Ila-XIIa Satisfactory. The above Castings are free from Radioactive contamination. This certificates confirms to VEL-SPS-001 Q & M Rev 27 & NACE MR0175-2021 / ISO 15156-2020 / MR0103-2016. Fettled Normalized and Shot blasted Rust Preventive coating Applied. We certify that during manufacturing processes,test,and inspections, the product supplied for this purchase order did not come in direct contact with mercury or any of its compounds, nor with any mercury containing device employing a single boundary of containment are acceptable statements attesting to freedom from mercurial contamination.															
We Confirm that the above material was manufactured, sampled, tested and inspected in accordance with the drawings, customer order requirements , material specification ASTM A 216 Gr WCB-21 and was found to meet the requirements.															
<div style="text-align: center;">  A.Senathipathi-Deputy Manager-QA </div>										<div style="text-align: center;">  M.Senthil kumar - Q.A Manager </div>					

VEEYES**VEEYES ALLOYS PRIVATE LIMITED**S.F 518/1AB, SARAVANAMPATTY, THUDIYALUR ROAD, VELLAKINAR POST,
COIMBATORE, Pin code : 641029, TAMILNADU, INDIA, Mail :rt@veeyesalloys.comVS-A-QA-06 Rev 01 Effect
From 23.06.2021Report : **1232/24-25****RADIOGRAPHIC EVALUATION REPORT**

Date : 31-AUG-24

Customer : VELAN INC
 Po No : P10013800
 Description : 6"150 WC LUG PRE-MACH BODY
 Material Spec : WCB
 Drawing No : 501-06271 REV-G
 Part No : 501-06271-031R-PM1 / Po.S.NO:5
 Source Strength : Ir : 46.9 Ci Co: 60 Ci Be/Li : -
 Source Size : Ir : 2.0 X 1.0 mm Co: 3.8 X 4.9 mm
 : Be / Li : -
 Technique : SWSI
 I.Q.I Type : ASTM HOLE
 Film Brand, Type : FUJI IX100
 Stage of Test : AFTER HEATTREATMENT
 RSS Ref No : V72705 Rev-0
 Heat No : AN2173
 Heat Code : VYR05H05
 R.T.No : VSH1162
 Date of Test : 28-AUG-24
 Screen : LEAD
 Screen Thick Front : Ir : 0.13mm Co: 0.25mm Be/Li : -
 Screen Thick Back : Ir : 0.15mm Co: 0.30mm Be/Li : -
 Area of Coverage : ASME B16.34
 Evaluation As Per : ASTM E446, E186
 Procedure Ref. : VEL-NDT-802 REV.02, ASTM E94
 Acceptance STD : ASME B16.34 Appendix-I

Sno	Location	Source	Thick (mm)	SFD (mm)	IQI				Density		Film Size (Inch)	Findings *	Classifi- cation	Remarks
					Designation		Sensitivity		Min	Max				
					Source	Film	Req.	Achd.						
1	1	CO 60	110	600	80		2-2T	2-2T	2.8	2.9	16 X 8 X 1	B	1	Acceptable
2	2	CO 60	110	600	80		2-2T	2-2T	2.9	3.5	16 X 8 X 1	B	1	Acceptable
3	P	IR 192	40	500	30		2-2T	2-2T	2.7	2.8	8 X 8 X 1	A	1	Acceptable

*A : Gas Hole / Porosity ; B : Inclusion ; CA, CB, CC, CD : Shrinkage ; D : Crack ; E : Hot Tear ; F : Insert ; G : Mottling, NSD : No Significant Defect, ND : No Defect



Casting Acceptance Level : 1
 Ir 192 Films : 1
 Ir 192 Area : 64
 Co 60 Films : 2
 Co 60 Area : 256
 Beta / Linac Films : 0
 Beta / Linac Area : 0


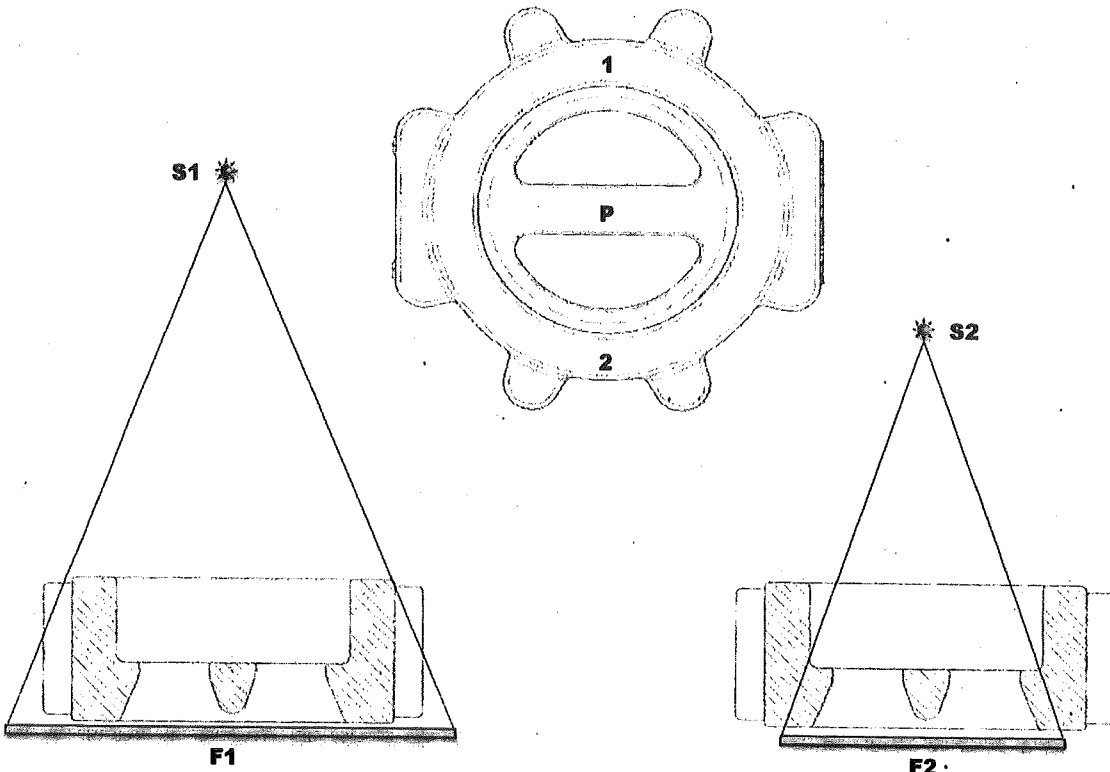
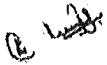
For VEEYES ALLOYS PRIVATE LIMITED


RTM MOOLY
 ENT-TC-1A LEVEL
 (T,UT,MT,PT,V)
 EN ISO-9712
 VEL-2 RT

Customer

External Inspector

	VEEYES ALLOYS PRIVATE LIMITED S.F 518/1AB, SARAVANAMPATTY, THUDIYALUR ROAD, VELLAKINAR POST, COIMBATORE, Pin code : 641029, TAMILNADU, INDIA, Mail :rt@veeyesalloys.com										VS-A-QA-06 Rev 01 Effect From 23.06.2021				
	RADIOGRAPHIC EVALUATION REPORT										Report : 1233/24-25				
											Date : 31-AUG-24				
Customer : VELAN INC Po No : P10013800 Description : 6"150 WC LUG PRE-MACH BODY Material Spec : WCB Drawing No : 501-06271 REV-G Part No : 501-06271-031R-PM1 / Po.S.NO:5 Source Strength : Ir : 46.9 Ci Co: 60 Ci Be/Li : - Source Size : Ir : 2.0 X 1.0 mm Co: 3.8 X 4.9 mm : Be / Li :- Technique : SWSI I.Q.I Type : ASTM HOLE Film Brand, Type : FUJI IX100 Stage of Test : AFTER HEATTREATMENT RSS Ref No : V2705 Rev-0														Heat No : AN2173 Heat Code : VYR05H05 R.T.No : VSH1163 Date of Test : 28-AUG-24 Screen : LEAD Screen Thick Front : Ir : 0.13mm Co: 0.25mm Be/Li : - Screen Thick Back : Ir : 0.15mm Co: 0.30mm Be/Li : - Area of Coverage : ASME B16.34 Evaluation As Per : ASTM E446, E186 Procedure Ref. : VEL-NDT-802 REV.02, ASTM E94	
										Acceptance STD : ASME B16.34 Appendix-I					
Sno	Location	Source	Thick (mm)	SFD (mm)	IQI				Density		Film Size (Inch)	Findings *	Classifi- cation	Remarks	
					Designation		Sensitivity		Min	Max					
					Source	Film	Req.	Achd.							
1	1	CO 60	110	600	80		2-2T	2-2T	2.7	3.2	16 X 8 X 1	B	1	Acceptable	
2	2	CO 60	110	600	80		2-2T	2-2T	2.9	3.4	16 X 8 X 1	B	1	Acceptable	
3	P	IR 192	40	500	30		2-2T	2-2T	2.8	2.9	8 X 8 X 1	A	1	Acceptable	
*A : Gas Hole / Porosity ; B : Inclusion ; CA, CB, CC, CD : Shrinkage ; D : Crack ; E : Hot Tear ; F : Insert ; G : Mottling, NSD : No Significant Defect ; ND : No Defect															
Casting Acceptance Level : 1					Ir 192 Films : 1		Co 60 Films : 2		Beta / Linac Films : 0						
					Ir 192 Area : 64		Co 60 Area : 256		Beta / Linac Area : 0						
For VEEYES ALLOYS PRIVATE LIMITED  RATHMOOL INT-TC-1A LEVEL RT.UT.MT.PT.V EN ISO-9712 VER-2 RT.					Customer					External Inspector					

		VEEYES ALLOYS PRIVATE LIMITED																							
		RADIOGRAPHY SHOOTING SKETCH																							
Customer	:	VELAN - INC						R.S.S.No:	V72705																
Description	:	6"150 LG RF BODY SOFT						Rev	:	0															
Drg No	:	501-06271 REV-G						Date	:	21-Apr-24															
Procedure :VEL-NDT-802 REV.02, ASTM E94					Acceptance:ASME B16.34 Appendix-I																				
																									
Srl. No.	Location	Thickness mm	IQI		Min SFD (mm)	Source	Film Size L x W x Qty	No. of Exposure	Film Position	Source Position	Technique														
			Design	Sensitivity																					
1	1, 2	110	80	2-2T	600	Co-60	16 X 8 X 1	2	F1	S1	SWSI														
2	P	40	30	2-2T	500	Ir-192	8 X 8 X 1	1	F2	S2	SWSI														
<table border="1"> <tr> <td>Total No. of Films</td> <td>Ir-192</td> <td>1</td> <td>Co-60</td> <td>2</td> <td>LINAC</td> <td>-</td> </tr> <tr> <td>Total Sq.Inches</td> <td>Ir-192</td> <td>64</td> <td>Co-60</td> <td>256</td> <td>LINAC</td> <td>-</td> </tr> </table>												Total No. of Films	Ir-192	1	Co-60	2	LINAC	-	Total Sq.Inches	Ir-192	64	Co-60	256	LINAC	-
Total No. of Films	Ir-192	1	Co-60	2	LINAC	-																			
Total Sq.Inches	Ir-192	64	Co-60	256	LINAC	-																			
Prepared By		Approved By						AREA OF COVERAGE																	
 R.RANJITH SNT-TC-1A LEVEL-II RT, UT, MT, PT, VT		Customer Velan Source Inspector R.Rajkumar 2024.05.03				External Inspector		100% AREA & CRITICAL AREA																	
VS-A-QA-07 Rev.00		15:39:56 +05'30'						Page 1 of 1																	

	VEEYES ALLOYS PRIVATE LIMITED S.F 518/1AB, SARAVANAMPATTY, THUDIYALUR ROAD, VELLAKINAR POST, COIMBATORE, Pin code : 641029, TAMILNADU, INDIA, Mail : qa@veeyesalloys.com		VS-AE-QA-02 Rev 01 Effect From 30.05.2022	
	MAGNETIC PARTICLE TEST CERTIFICATE		Report : 23270/24 Date : 04-Sep-2024	

Customer	: VELAN INC	Equipment Type	: Prod Type
Material Specification	: ASTM A 216 Gr WCB-21	Equipment Make & SL.No	: DHEV-2014012530
Surface Condition	: AS CAST	Type of Magnetism	: CIRCULAR
Stage Of Test	: AFTER HEAT TREATMENT	Type of Current	: HWDC
Lighting	: UV Light	Amperes	: 200-400 AMPS
Background Darkness	: 1 LUX	Lifting Power	: NA
Type Of Indicator	: PIE INDICATOR	Prod / Pole Spacing	: 2-4 INCHES
Contrast Paint	: NA	Area Tested	: ALL ACCESSIBLE AREA
Method	: WET- FLUORESCENT	Residual Magnetism	: 0 GAUSS
Particle Type	: Fluorescent	Procedure Standard	: VEL-NDT- 801 R/15
Particle Application Method:	BY HAND HELD BOTTLE		

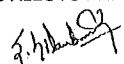

Particle	Make	Batch No.	Expiry Date
MG2410	MAGNAFLUX	22M58	DEC-2027

Acceptance Standard	: ASME B16.34 APPENDIX II
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Sl. No	P.O.No. & Date	Description	Drawing No. / Part No.	Heat No.	Date of Test	Surface Temp. °C	Thick (mm) Above	MPI No.	Light Intensity	Bath Concentration Level
1	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4052	1170 µW / CM²	0.25 ml
2	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4056	1170 µW / CM²	0.25 ml
3	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4055	1170 µW / CM²	0.25 ml
4	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4054	1170 µW / CM²	0.25 ml
5	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4057	1170 µW / CM²	0.25 ml
6	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2173	28-Aug-2024	30	32	VNB4053	1170 µW / CM²	0.25 ml
7	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2174	28-Aug-2024	30	32	VNB4160	1170 µW / CM²	0.25 ml
8	P10013800	6"150 WC LUG PRE-MACH BODY	501-06271 REV-G 501-06271-031R-PM1 Po.S.NO:5	AN2174	28-Aug-2024	30	32	VNB4159	1170 µW / CM²	0.25 ml

Observation : No Significant Defect

Result : Acceptable

For VEEYES ALLOYS PRIVATE LIMITED  E.SILAMBARASAN MT-ASNT Level-II & ISO 9712 Level-2 Tested By	For VEEYES ALLOYS PRIVATE LIMITED  M.SENTHILKUMAR MT-ASNT Level -II & ISO 9712 Level-2 Inspected By	Customer	External Inspector
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NON-DESTRUCTIVE TEST REPORT

CERT # 76623

CUSTOMER DNOW CANADA

VELAN ORDER: SO0053437 POS: 10 ITEM: 20

DESCRIPTION: PL14-002B89-3XB-X0001 / 6" 150 DUAL PLATE WAFER CHECK VALVE

NDE PERFORMED ON: BODY AND DISC HARDFACING

Velan hereby certifies that NDE has been performed on this material in accordance with contractual requirements as indicated (☒) and that all results conform to the acceptance standard of the referenced examination procedure, the Code and Design Specification.

TYPE OF TEST

☐ MAGNETIC PARTICLE EXAMINATION PROCEDURE

Rev.

☒ LIQUID PENETRANT EXAMINATION PROCEDURE

VEL-NDT-800 Rev. 13

Body Hardfacing - All Accessible Surfaces

Disc Hardfacing - All Accessible Surfaces

QUALIFICATION OF INSPECTOR: SNT-TC-1A, LEVEL II

INSPECTOR NAME: M. Moldovan - Insp # 101, P. Patel - Insp # 96

NOTES:

CERTIFIED BY:

Cathy O'Donnell
Q.C. DOCUMENTATION ADMINISTRATOR

April 30, 2025

DATE



**STATUTORY DECLARATION
Registration of Fittings**

VELAN

I, Pierre Lamarre,
General Manager Plant 5
(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)
of VELAN INC.
(name of manufacturer)

located at 7007 Cote de Liesse, Montreal, QC, H4T 1G2
(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act
(check one)

- ☒ comply with the requirements of ASME B16.34 which specifies the dimensions,
(title of recognized North American Standard)
materials of construction, pressure/temperature ratings and identification marking of the fittings, or
- ☐ are not covered by the provisions of a recognized North American standard and are therefore manufactured to
comply with _____ as supported by the attached data which identifies the dimensions,
materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings
for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the
following authority, Regie du Batiment du Quebec as being suitable for the manufacture of these fittings to the
stated standard. The fittings covered by this declaration, for which I seek registration, are Cast and Forged Steel

In support of this application, the following information, calculations and/or test data are attached:

Forged/Cast: Gate, Globe, Needle, Check, Ball, Dual Plate, Butterfly, Knife, Capping, Cryogenic, Parallel Slide, Ring Type,
Bellows Seal, Velan Catalogs and Scope of Registration Velan Valves "Attachment A"

DECLARED before me at Montreal in the County of St. Laurent
this 14TH day of JANUARY, 2016
(Month)
(print) Salvatore Silvestro
(sign) _____
(A Commissioner for Oaths)

Salvatore Silvestro
(Signature of Applicant)

For Office Use Only

See Acceptance Letter for the comments
and/or conditions of registration.

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard
B51, Clause 4.2, and is accepted for registration in Category C4

Registration Number: 0C0991.62

Date Registered: FEB 25 2016

(For the Administrator/Chief Inspector of Alberta)

Expiry Date: 2026/01/26

NOTE:
Body Material (°F)
only per BS134

Flanged valves sizes are limited to flange sizes of ASME B16.5 and B16.47. Flanged valves sizes of ASME B16.34 will not be considered in this Registration. However, should they become available at any time, then they will be automatically registered.