

Report Generated by Test Manager

Title: **Robot Test & Coverage Report**

Author: **Rhythm**

Date: **31-Jan-2026 20:59:24**

Test Environment

Platform: PCWIN64

MATLAB: (R2025b)

Summary

Name	Outcome	Duration (Seconds)
Results: 2026-Jan-31 20:52:19	4 ✓	8.63
Robot Tests	4 ✓	8.322
New Test Suite 1	4 ✓	8.323
Test Front Obstacle	✓	2.497
Test Left Obstacle	✓	1.745
Test All Blocked	✓	1.809
Test E Stop	✓	1.874

Results: 2026-Jan-31 20:52:19

Result Type: Result Set
Parent: None
Start Time: 31-Jan-2026 20:52:20
End Time: 31-Jan-2026 20:52:29
Outcome: Total: 4, Passed: 4

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Robot_Tests

Test Result Information

Result Type: Test File Result
Parent: [Results: 2026-Jan-31 20:52:19](#)
Start Time: 31-Jan-2026 20:52:20
End Time: 31-Jan-2026 20:52:29
Outcome: Total: 4, Passed: 4

Test Suite Information

Name: Robot_Tests

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New Test Suite 1

Test Result Information

Result Type: Test Suite Result
Parent: [Robot_Tests](#)
Start Time: 31-Jan-2026 20:52:20
End Time: 31-Jan-2026 20:52:29
Outcome: Total: 4, Passed: 4

Test Suite Information

Name: New Test Suite 1

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Test_Front_Obstacl

Test Result Information

Result Type: Test Case Result
Parent: [New Test Suite 1](#)
Start Time: 31-Jan-2026 20:52:20
End Time: 31-Jan-2026 20:52:23
Outcome: Passed

Test Case Information

Name: Test_Front_Obstacl
Type: Baseline Test

Simulation

System Under Test Information

Model: Robot_Controller
Release: Current
Simulation Mode: normal
Override SIL or PIL Mode: 0
Configuration Set: Configuration
Start Time: 0
Stop Time: 10
Checksum: 685801299 269578351 1615301588 4228323742
Simulink Version: 25.2
Model Version: 1.14
Model Author: Rhythm
Date: Sat Jan 31 20:38:45 2026
User ID: Rhythm
Model Path: C:\Users\Rhythm\OneDrive - pdpu.ac.in\Documents\MATLAB\Unbox_Assignment\Unbox_Assignment\Robot_Controller.slx

Machine Name: RHYTHM
Solver Name: ode3
Solver Type: Fixed-Step
Fixed Step Size: 0.20000000000000001
Simulation Start Time: 2026-01-31 20:52:21
Simulation Stop Time: 2026-01-31 20:52:22

Platform: PCWIN64

Test Logs:

No baseline criteria evaluation performed as no baseline data is available for this test.

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Test_Left_Obstacle

Test Result Information

Result Type: Test Case Result
Parent: [New Test Suite 1](#)
Start Time: 31-Jan-2026 20:52:23
End Time: 31-Jan-2026 20:52:25
Outcome: Passed

Test Case Information

Name: Test_Left_Obstacle
Type: Baseline Test

Simulation

System Under Test Information

Model: Robot_Controller
Release: Current
Simulation Mode: normal
Override SIL or PIL Mode: 0
Configuration Set: Configuration
Start Time: 0
Stop Time: 10
Checksum: 685801299 269578351 1615301588 4228323742
Simulink Version: 25.2

Model Version: 1.14
Model Author: Rhythm
Date: Sat Jan 31 20:38:45 2026
User ID: Rhythm
Model Path: C:\Users\Rhythm\OneDrive - pdpu.ac.in\Documents\MATLAB\Unbox_Assignment\Unbox_Assignment\Robot_Controller.slx

Machine Name: RHYTHM
Solver Name: ode3
Solver Type: Fixed-Step
Fixed Step Size: 0.2000000000000001
Simulation Start Time: 2026-01-31 20:52:23
Simulation Stop Time: 2026-01-31 20:52:24
Platform: PCWIN64

Test Logs:

No baseline criteria evaluation performed as no baseline data is available for this test.

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Test_All_Blocked

Test Result Information

Result Type: Test Case Result
Parent: [New Test Suite 1](#)
Start Time: 31-Jan-2026 20:52:25
End Time: 31-Jan-2026 20:52:27
Outcome: Passed

Test Case Information

Name: Test_All_Blocked

Type: Baseline Test

Simulation

System Under Test Information

Model:	Robot_Controller
Release:	Current
Simulation Mode:	normal
Override SIL or PIL Mode:	0
Configuration Set:	Configuration
Start Time:	0
Stop Time:	10
Checksum:	685801299 269578351 1615301588 4228323742
Simulink Version:	25.2
Model Version:	1.14
Model Author:	Rhythm
Date:	Sat Jan 31 20:38:45 2026
User ID:	Rhythm
Model Path:	C:\Users\Rhythm\OneDrive - pdpu.ac.in\Documents\MATLAB\Unbox_Assignment\Unbox_Assignment\Robot_Controller.slx
Machine Name:	RHYTHM
Solver Name:	ode3
Solver Type:	Fixed-Step
Fixed Step Size:	0.20000000000000001
Simulation Start Time:	2026-01-31 20:52:25
Simulation Stop Time:	2026-01-31 20:52:26
Platform:	PCWIN64

Test Logs:

No baseline criteria evaluation performed as no baseline data is available for this test.

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Test_E_Stop

Test Result Information

Result Type: Test Case Result
Parent: [New Test Suite 1](#)
Start Time: 31-Jan-2026 20:52:27
End Time: 31-Jan-2026 20:52:29
Outcome: Passed

Test Case Information

Name: Test_E_Stop
Type: Baseline Test

Simulation

System Under Test Information

Model: Robot_Controller
Release: Current
Simulation Mode: normal
Override SIL or PIL Mode: 0
Configuration Set: Configuration
Start Time: 0
Stop Time: 10
Checksum: 685801299 269578351 1615301588 4228323742
Simulink Version: 25.2
Model Version: 1.14
Model Author: Rhythm
Date: Sat Jan 31 20:38:45 2026
User ID: Rhythm
Model Path: C:\Users\Rhythm\OneDrive - pdpu.ac.in\Documents\MATLAB\Unbox_Assignment\Unbox_Assignment\Robot_Controller.slx

Machine Name: RHYTHM
Solver Name: ode3
Solver Type: Fixed-Step
Fixed Step Size: 0.20000000000000001
Simulation Start Time: 2026-01-31 20:52:27
Simulation Stop Time: 2026-01-31 20:52:28

Platform: PCWIN64

Test Logs:

No baseline criteria evaluation performed as no baseline data is available for this test.

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