Genie
A TEREX BRAND

Operator's Manual Supplement

Exiting a Mobile Elevated Work Platform

Original Instructions
First Edition
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Part No. 1326964GT

Manufacturer: CE & UKCA

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These machines comply with

CE - EC Directive 2006/42/EC

UKCA - Supply of Machinery (Safety) Regulations 2008

ANSI/SAIA A92.20
CAN/CSA B.354.6
AS1418:10

Introduction

Approved Model

Models approved for use built from 2003 in ANSI, AUS and CSA, markets:	
Z®-30/20N	S®-45 HF
Z®-30/20N RJ	S®-60
Z®-3422 DC	S®-65
Z®-3422 IC	S®-60 TRAX
Z®-34/22N	S®-65 TRAX
Z®-40/23N	S®-60 HF
Z®-40/23N RJ	S®-65 HF
Z®-45/25	S®-60 XC
Z®-45 DC	S®-65 XC
Z®-45/25 RT	S®-60 DC
Z®-45/25J RT	S®-60 FE
Z®-45 XC	S®-60J
Z®-45 HF	S®-80J
Z®-45 FE	S®-80
Z®-51/30	S®-85
Z®-60 DC	S®-80 XC
Z®-60 FE	S®-85 XC
Z®-60/34	S®-100
Z®-62/40	S®-105
Z®-80/60	S®-120
Z®-135/70	S®-125
ZX®-135/70	SX™-105 XC
S®-40 XC	SX™-125 XC
S®-45 XC	SX™-150
S®-40 TRAX	SX™-180
S®-45 TRAX	SX™-135 XC
S®-40 HF	

Approved Model

Models approved for use manufactured from 2021 in ANSI, CSA, AUS and CE markets:	
GS™-1330	GS™-2669 DC
GS™-1530	GS™-2669 RT
GS™-1432	GS™-2669 BE
GS™-1532	GS™-3369 DC
GS™-1932	GS™-3369 RT
GS™-2032	GS™-3369 BE
GS™-2632	GS™-4069 DC
GS™-3232	GS™-4069 RT
GS™-2046	GS™-4069 BE
GS™-2646	GS™-3384
GS™-3246	GS™-3390
GS™-4046	GS™-4390
GS™-4047	GS™-5390
GS™-4655	

Approved Model

Models approved for use manufactured from 2023 in CE and UKCA markets:	
GS™-2669 DC	GS™-3369
GS™-3369 DC	GS™-4369
GS™-4069 DC	GS™-5369
GS™-2669 RT	
GS™-3369 RT	
GS™-4069 RT	
Models approved for use manufactured from 2024 in CE and UKCA markets:	
GS™-1432m	GS™-2646 E-drive
GS™-1932m	GS™-3246 E-drive
GS™-1932 E-drive	GS™-4046 E-drive
GS™-2632 E-drive	
GS™-3232 E-drive	

Introduction

Models approved for use in CE and UKCA Markets:

Models	Certificates	Years
For the task of exiting at height, all Models listed below are covered by these 2 specific certificates:	**EC Certificates**	**Years**
	DK-MAC000140 i01	2003 - 2026
	UKCA Certificates	**Years**
	UK-MAC000139 i01	2021 - 2026
Z®-45/25, Z®-45/25J, Z®-45/25 RT, Z®-45/25J RT	**EC Certificates**	**Years**
	CE6/13332/PAC	2003 - 2008
	CE10/13463/PAC	2009 - 2014
	CE15/13612/PAC	2015 - 2020
	KCEC4502	2020 - 2025
	UKCA Certificates	**Years**
	AVUK4502	2021 - 2025
Z®-45 XC	**EC Certificates**	**Years**
	CE15/13712/PAC	2017 - 2022
	KCEC4519	2020 - 2022
	DK-MAC000167 i01	2022 - 2023
	UKCA Certificates	**Years**
	AVUK4519	2021 - 2022
	UK-MAC000166 i01	2022 - 2023
Z®-45 DC Z®-45 FE	**EC Certificates**	**Years**
	KCEC4345	2020 - 2025
	DK-MAC000198 i01	2024 - 2029
	UKCA Certificates	**Years**
	AVUK4345	2021 - 2025
	UK-MAC000199 i01	2024 - 2029
Z®-51/30J RT	**EC Certificates**	**Years**
	CE6/13399/PAC	2005 - 2010
	CE10/13466/PAC	2009 - 2014
	CE15/13611/PAC	2015 - 2020
	KCEC4501	2020 - 2025
	01/205/1006/23	2023 - 2028
	UKCA Certificates	**Years**
	01/205U/1006/23	2023 - 2028
	AVUK4501	2021 - 2025
Z®-60/34	**EC Certificates**	**Years**
	CE6/13331/PAC	2003 - 2008
	CE10/13473/PAC	2009 -2014
Z®-60 DC, Z®-60 FE	**EC Certificates**	**Years**
	CE15/13689/PAC	2016 - 2021
	KCEC4514	2020 - 2026
	DK-MAC000145 i01	2023 - 2028
	UKCA Certificates	**Years**
	UK-MAC000144 i01	2023 - 2028
	AVUK4514	2021 - 2026
Z®-62/40	**EC Certificates**	**Years**
	CE15/13602/PAC	2014 - 2019
	KCEC4492	2020 - 2024
	UKCA Certificates	**Years**
	AVUK4492	2021 - 2024
Z®-80/60	**EC Certificates**	**Years**
	CE6/13330/PAC	2004 - 2009
	CE10/13515/PAC	2010 - 2015
	CE15/13618/PAC	2015 -2020
	KCEC4507	2020 - 2025
	UKCA Certificates	**Years**
	AVUK4507	2021 - 2025
Z®-135/70	**EC Certificates**	**Years**
	CE6/13378/PAC	2005 - 2010
	CE10/13513/PAC	2010 - 2015
ZX®-135/70	**EC Certificates**	**Years**
	CE15/13620/PAC	2015 - 2020
	KCEC4509	2022 - 2025
	UKCA Certificates	**Years**
	AVUK4509	2021 - 2025

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Models	Certificates	Years
S®-40, S®-45	**EC Certificates**	**Years**
	CE6/13328/PAC	2003 - 2009
	CE6/13329/PAC	2003 - 2009
	CE10/13474/PAC	2009 - 2014
	CE15/13603/PAC	2014 - 2019
	KCEC4493	2020 - 2024
S®-40 XC, S®-45 XC	**EC Certificates**	**Years**
	CE15/13734/PAC	2019 - 2024
	KCEC4523	2020 - 2024
	UKCA Certificates	**Years**
	AVUK4523	2021 - 2024
S®-40 TRAX, S®-45 TRAX, S®-40 HF, S®-45 HF	**EC Certificates**	**Years**
	CE15/13734/PAC	2019 - 2024
	KCEC4523	2020 - 2024
	UKCA Certificates	**Years**
	AVUK4523	2021 - 2024
S®-60, S®-65	**EC Certificates**	**Years**
	CE6/13320/PAC	2003 - 2008
	CE10/13461/PAC	2009 - 2014
	CE10/13461/PAC	2014 -2015
	CE15/13613/PAC	2015 - 2020
	KCEC4503	2020 - 2025
S®-60 TRAX, S®-65 TRAX, S®-60 HF, S®-65 HF	**EC Certificates**	**Years**
	KCEC4521	2020 - 2023
	KCEC4503	2020 - 2025
S®-65 XC	**EC Certificates**	**Years**
	CE15/13725/PAC	2018 - 2023
	KCEC4521	2020 - 2023
	DK-MAC000155 i01	2023-2028
	UKCA Certificates	**Years**
	AVUK4521	2021 - 2023
	UK-MAC000154 i01	2023-2028

Models	Certificates	Years
S®-60 DC, S®-60 FE	**EC Certificates**	**Years**
	KCEC4716	2021-2026
	DK-MAC000196 i01	2024-2029
	UKCA Certificates	**Years**
	AVUK4716	2021 - 2026
	UK-MAC000197 i01	2024-2029
S®-60J	**EC Certificates**	**Years**
	KCEC4373	2020 - 2025
	UKCA Certificates	**Years**
	AVUK4373	2021 - 2025
S®-80J	**EC Certificates**	**Years**
	KCEC4385	2021 - 2026
	UKCA Certificates	**Years**
	AVUK4385	2021 - 2026
S®-80, S®-85	**EC Certificates**	**Years**
	CE6/13327/PAC	2003 - 2008
	CE6/13446/PAC	2009 - 2014
	CE10/13512/PAC	2010 - 2015
	CE15/13607/PAC	2014 - 2019
S®-80 XC, S®-85 XC	**EC Certificates**	**Years**
	CE15/13717/PAC	2017 - 2022
	KCEC4520	2020 - 2022
	UKCA Certificates	**Years**
	AVUK4520	2021 - 2022
S®-100, S®-105	**EC Certificates**	**Years**
	CE6/13326/PAC	2003 - 2008
	CE10/13518/PAC	2010 - 2015
	CE15/13619/PAC	2015 - 2020
	KCEC4508	2020 - 2025

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Models	Certificates	Years
S®-120, S®-125	**EC Certificates**	**Years**
	CE6/13326/PAC	2003 - 2008
	CE10/13518/PAC	2010 - 2015
	CE15/13619/PAC	2015 - 2020
	KCEC4508	2020 - 2025
SX™-105 XC, SX™-125 XC	**EC Certificates**	**Years**
	CE15/13705/PAC	2016 - 2021
	KCEC4516	2021 - 2026
	01/205/1031/24	2024-2029
	UKCA Certificates	**Years**
	AVUK4516	2021 - 2026
	001/205U/1031/24	2024-2029
SX™-135 XC	**EC Certificates**	**Years**
	CE15/13704/PAC	2016 - 2021
	KCEC4515	2020 - 2021
SX™-150	**EC Certificates**	**Years**
	CE15/13669/PAC	2015 - 2020
	KCEC4512	2020 - 2025
	UKCA Certificates	**Years**
	AVUK4512	2021 - 2025
SX™-180	**EC Certificates**	**Years**
	CE10/13597/PAC	2014 - 2015
	CE15/13617/PAC	2015 - 2020
	KCEC4506	2020 - 2025
	UKCA Certificates	**Years**
	AVUK4506	2021 - 2025

Introduction

The task of exiting at height for the Genie approved models listed below is covered by the models' EC and UKCA type examinations.

Models	Certificates
S®-40 XC S®-45 XC S®-40 TraX S®-45 TraX S®-40 HF S®-45 HF	**EC Certificates**
	DK-MAC000157 i01
	UKCA Certificates
	UK-MAC000156 i01
S®-60J	**EC Certificates**
	DK-MAC000188 i01
	UKCA Certificates
	UK-MAC000189 i01
S®-65 XC S®-65 TraX S®-65 HF	**EC Certificates**
	DK-MAC000155 i01
	UKCA Certificates
	UK-MAC000154 i01
S®-80J	**EC Certificates**
	DK-MAC000159 i01
	UKCA Certificates
	UK-MAC000158 i01
S®-80 XC S®-85 XC	**EC Certificates**
	1370-160R-IX-0004-12-2022
	UKCA Certificates
	UKCA-0041-TRX-2023-001
SX™-135 XC	**EC Certificates**
	1370-160R-IX-0001-02-2022
	UKCA Certificates
	0041-MR-TER-2025-001-GBR
Z®-30/20N Z®-30/20N RJ	**EC Certificates**
	01/205/1002/23
	UKCA Certificates
	01/205U/1002/23
Z®-34/22 DC Z®-34/22 IC Z®-34/22N	**EC Certificates**
	01/205/1003/23
	UKCA Certificates
	01/205U/1003/23
Z®-45 XC	**EC Certificates**
	01/205/1005/23
	DK-MAC000167
	UKCA Certificates
	01/205U/1005/23
	UK-MAC000166
Z®-51/30J RT	**EC Certificates**
	01/205/1006/23
	UKCA Certificates
	01/205U/1006/23
Z®-60 DC Z®-60 FE	**EC Certificates**
	DK-MAC000145 i01
	UKCA Certificates
	UK-MAC000144 i01
Z®-62/40	**EC Certificates**
	DK-MAC000161 i01
	UKCA Certificates
	UK-MAC000160 i01
Z®-80/60	**EC Certificates**
	1370-160R-IX-0005-07-2023
	UKCA Certificates
	UKCA-0041-TER-001-23-GBR
ZX®-135/70	**EC Certificates**
	01/205/1040/24
	UKCA Certificates
	01/205U/1040/24
SX™-150	**EC Certificates**
	01/205/1038/24
	UKCA Certificates
	01/205U/1038/24
SX™-180	**EC Certificates**
	01/205/1039/24
	UKCA Certificates
	01/205U/1039/24

Introduction

Background

Booms and scissor lifts are designed to carry personnel to elevated work locations at height. A personal fall protection system in addition to the platform guard rails is required by regulatory agencies in many parts of the world. Personal fall protection can consist of a fall restraint and/or fall arrest system. Depending on the work being performed either a fall restraint system or a fall arrest system should be selected while in the platform.

Definitions

Fall Restraint Systems

Restraint systems prevent a worker from being exposed to a fall. If the employee is protected by a restraint system, either a body belt or a harness may be used. When a restraint system is used for fall protection in a Genie mobile elevating work platform, the employer/user/operator must ensure that the lanyard and anchor are arranged so that the operator is not exposed to falling any distance outside the platform.

Fall Arrest Systems

A system that permits an arrested fall is considered a fall arrest system. A body belt is prohibited in a fall arrest system and instead a full body harness and lanyard that limits the fall distance and arresting force on the person is required. Fall arresting lanyards typically have a shock absorbing section or are a self-retracting lifeline/lanyard.

Self-retracting lifeline/lanyard

A deceleration device containing a drum-wound line which can be slowly extracted from, or retracted onto, the drum under slight tension during normal employee movement, and which after onset of a fall, automatically locks the drum and arrests the fall. The use of the self-retracting lifeline/ lanyard as a fall arrest lanyard is allowed on boom-supported aerial work platforms.

Exiting a Mobile Elevated Work Platform

Subject to the agreement, terms, and conditions of this section, Terex USA, Terex Global GmbH authorizes an operator/worker to exit an elevated work platform, based on the requirements hereinafter.

⚠WARNING Failure to comply with all restrictions, instructions and warnings contained in this section, the Operator's Manual and the applicable safety or owner's manual could result in death or serious injury.

Application Description:

An operator/worker wishes to exit an elevated work platform onto a surface or an adjacent structure, then disconnect from the platform and walk away.

Owner/Employer/User/Operator Requirements:

1 A copy of this supplement must always accompany the operator's manual in the weather resistant storage compartment located on the equipment.

2 Operators must be trained and qualified how to safely operate the equipment and be familiar with the specific model of Genie equipment as follows:

- Be familiar with, and comply with, the equipment operating and safety manuals.
- Understand all control functions, decals and warnings.
- Be aware of and understand all safety devices specific to the equipment being used.
- Be instructed regarding the specific hazards associated with using the Genie equipment in the application, and utilize all means, including those provided by the user/employer, to avoid them.

Exiting a Mobile Elevated Work Platform

3 The user/employer and the operator shall comply with all applicable jobsite, local, state, provincial, or federal rules, regulations, and standards related to the use of the equipment and its modification.

4 The Genie equipment must be in proper working condition and configuration.

5 Applications using the Genie equipment outside of its intended purpose are not allowed beyond the approval criteria contained hereinafter.

6 The Genie equipment must be operated in accordance with all restrictions, instructions and warnings contained in this section/guidance, the operator's manual and decals and the responsibilities and safety manuals contained on the machine.

7 Operators must comply with all applicable jobsite, local, state, provincial, or federal rules, regulations, and standards and manufacturer's requirement for the use of personal fall protection equipment (PFPE) on Genie equipment and when exiting or entering an elevated platform.

8 The use of an approved *full body harness and lanyard is always required while in the platform.

9 When a self-retracting/fixed or adjustable lanyard is used while exiting the platform it shall not allow a free fall greater than 6 ft/1.8m. In some global regions this could be 6.6ft/2m.

10 The Genie equipment must be located on a firm level surface capable of supporting its full weight prior to elevation and during operation.

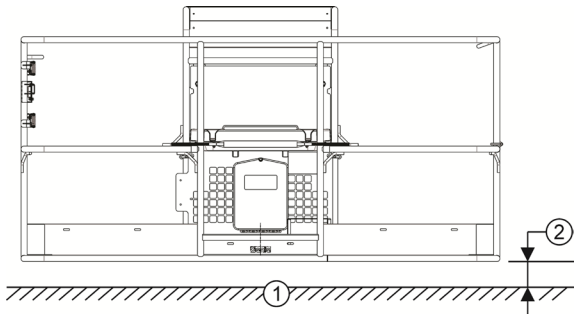
11 Operators must only enter and exit through the sliding mid-rail entry or gate provided on Genie platforms. Operators must not climb on the platform guardrail to enter or exit the platform.

12 Employers and operators must be aware of and plan for potential vertical and horizontal platform movement while exiting or entering an elevated platform.

13 Before moving from the platform to a surface/structure, be sure that the surface/structure is firm and capable of supporting the weight of the operator(s), tools and equipment.

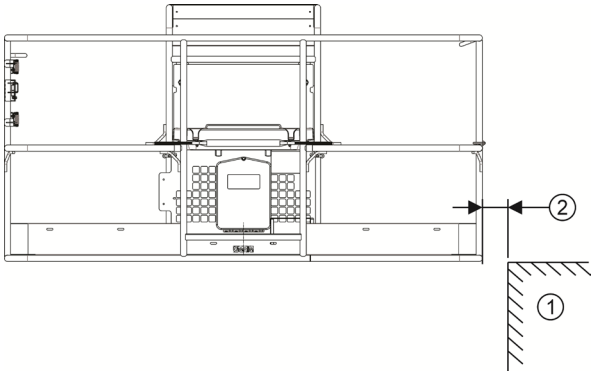
Exiting a Mobile Elevated Work Platform

14 For Boom Models: The boom platform entry shall be positioned above the surface as close as possible but not more than 6 in / 15 cm away from the surface.**



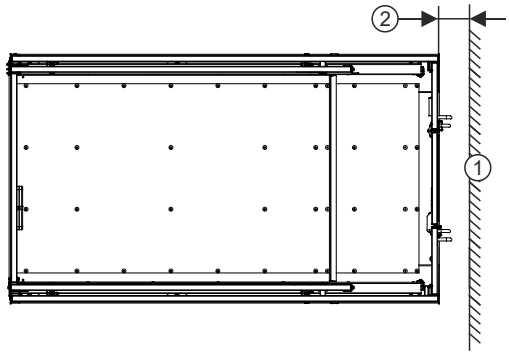
1 Structure Below
2 Distance of 6 in / 15 cm

If it is not possible to position the boom platform entry above the surface, then the boom platform entry shall be positioned as close as possible to an adjacent structure but not more than 6 in / 15 cm away from the adjacent structure.**



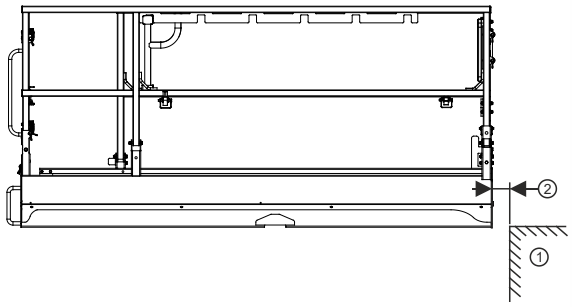
1 Adjacent Structure
2 Distance of 6 in / 15 cm

For Scissor Models: The scissor lift platform entry shall be positioned as close to the surface as possible prior to entering or exiting the platform but not be more than 12 inches / 30 cm away from the surface.



1 Structure
2 Distance of 12 in / 30 cm

If it is not possible to position the scissor lift platform entry above the surface, then the scissor lifts platform entry shall be positioned as close as possible to an adjacent structure but not more than 12 in / 30 cm away from the adjacent structure.**



1 Adjacent Structure
2 Distance of 12 in / 30 cm

**Applicable only in some countries/regions: check governmental, provincial, local and work site regulations or compliance rules in the market of operation.

Exiting a Mobile Elevated Work Platform

15 For Boom Models: Operators should not exit the boom platform in winds exceeding 20 mph / 32 Km/h.

For scissor lifts approved for outdoor use, operators should not exit the platform in winds exceeding 15 mph / 24 Km/h.

16 A rescue plan shall be in place to deal with any emergencies that may arise during the work at height.

***Approved: Compliant with applicable governmental, provincial, local and work site regulations or rules in the market of compliance.**

In consideration for Genie's guidance herein, the equipment owner, employer, user and operator hereby agree to indemnify and hold harmless Terex USA, Terex Global GmbH and its parent and affiliated companies against any and all liability, claims, suits, losses, costs and legal fees caused by, arising out of, or resulting from the approved application of the Genie equipment; any negligent act or omission in the operation of the equipment; the failure to comply with the criteria set forth in this manual related to the application, or the safety rules and operating instructions in the Operator's Manual.

BY PROCEEDING WITH THE APPLICATION, YOU AGREE TO ADHERE TO THE REQUIREMENTS SET FORTH HEREIN, INCLUDING SAID INDEMNIFICATION. IF YOU DO NOT AGREE, DO NOT PROCEED WITH THE PROPOSED USE.

Exiting a Mobile Elevated Work Platform

Additional Requirements - Maintaining 100% tie-off to an Approved Surface/Adjacent Structure

1 Operators/workers are required to wear an approved* PFPE at all times and must use a lanyard designed to allow 100% tie-off when exiting or entering an elevated platform. Operators must attach a lanyard to an approved* surface/adjacent structure anchorage before detaching the primary lanyard from the platform anchor.

Note: The operator/worker may exit with the primary lanyard still attached to the platform only for the purpose of attaching another lanyard to an surface/structure.

2 The operator/worker must achieve 100% tie-off to an approved* attachment point when exiting the platform and/or transition to an approved* surface/structure that incorporates approved* fall protection measures (i.e., structures with guardrails).

3 When re-entering the platform, achieve 100% tie-off by attaching one lanyard to the platform anchor before disconnecting the other lanyard from the surface/structure anchor. Do not operate the Genie equipment while a lanyard is attached to the surface/structure anchor.

4 The Genie equipment should be cordoned off at the base to adequately warn others, as well as traffic, of the restricted work area.

***Approved: Compliant with applicable governmental, provincial, local and work site regulations or rules in the market of compliance.**

In consideration for Genie's guidance herein, the equipment owner, employer, user and operator hereby agree to indemnify and hold harmless Terex USA, Terex Global GmbH and its parent and affiliated companies against any and all liability, claims, suits, losses, costs and legal fees caused by, arising out of, or resulting from the approved application of the Genie equipment; any negligent act or omission in the operation of the equipment; the failure to comply with the criteria set forth in this manual related to the application, or the safety rules and operating instructions in the Operator's Manual.

BY PROCEEDING WITH THE APPLICATION, YOU AGREE TO ADHERE TO THE REQUIREMENTS SET FORTH HEREIN, INCLUDING SAID INDEMNIFICATION. IF YOU DO NOT AGREE, DO NOT PROCEED WITH THE PROPOSED USE.

Exiting a Mobile Elevated Work Platform

Additional Requirements – Using Genie Boom Platform as Fall Restraint Device

1 A person trained in the operation of the Genie equipment should remain on the ground near the machine base controls to prevent unauthorized use.

2 The surface/structure shall not exceed a 4 – 12 pitch (18 degrees).

3 Do not operate the boom once an operator/worker has tied-off and exited the platform.

4 A rescue plan shall be in place to deal with any emergencies that may arise during the work at height.

California Proposition 65

WARNING

Operating, servicing and maintaining this equipment can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. These chemicals can be emitted from or contained in other various parts and systems, fluids and some component wear by-products. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your equipment and vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment or vehicle and after operation. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.

Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Always start and operate the engine in a well-ventilated area.
- If in an enclosed area, vent the exhaust to the outside.
- Do not modify or tamper with the exhaust system.
- Do not idle the engine except as necessary.

For more information go to www.P65warnings.ca.gov/diesel.

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