60-day Notice of Violation NON ROAD DIESEL EQUIPMENT Dec. 3, 2013 Page 1

## Environmental World Watch, LLC. LOS ANGELES, CALIFORNIA

December 3, 2013

NOTICE OF VIOLATION OF THE SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 (California Health and Safety Code §25249.5 et seq.)

### **AMENDED NOTICE**

TO: CUMMINS INC., CATERPILLAR INC., DEERE & COMPANY, DETROIT DIESEL CORP., DEUTZ CORPORATION, VOLVO CONSTRUCTION EQUIPMENT NORTH AMERICA, INC., CASE NEW HOLLAND INC., NAVISTAR, INC., KUBOTA TRACTOR CORPORATION, KOMATSU EQUIPMENT COMPANY, ISUZU MOTORS AMERICA, LLC, MISUIBISHI ENGINE COMPANY NORTH AMERICA, INC., DAIHATSU MOTOR CO., LTD.(c/o TOYOTO MOTOR N.A.), DAIMLER AG N.A., HYUNDAI MOTOR AMERICA, NISSAN DIESEL MOTOR CO., LTD. (c/o UD TRUCKS N.A. INC.), YANMAR DIESEL ENGINE CO., LTD. (c/o YANMAR AMERICA CORP.)

PRIORITY MAIL-AND FIRST CLASS MAIL TO THE PARTIES LISTED ON THE ATTACHED DISTRIBUTION LIST TO:

Cummins Inc. Mr. Norman T. Linebarger, CEO PO Box 3005 Columbus, IN, USA 47202-3005

Caterpillar Inc. Mr. Douglas R. Oberhelman, CEO 100 NE Adams Street Peoria, IL, USA 61629-0002 Deere & Company Mr. Samuel R. Allen, CEO 1 John Deere Place Moline, IL, USA 61265-8010

Detroit Diesel Corp. Dr. Eckhard Cordes, Chairman 13400 W Outer Drive Detroit, MI, USA 48239-1309

Kubota Tractor Corporation Mr Yauo Masumoto, Pres. 3401 Del Amo Blvd Torrance, CA 90503

Komatsu Equipment Company Mr. John Pfisterer, Pres. 1486 S. Distribution Drive Salt Lake, UT 84104

Isuzu Motors America, LLC Mr. Susumu Hosoi, Pres. 1400 S. Douglas Rd, Ste. 100 Anaheim, CA 92806

DEUTZ Corporation Mr. Stephen J. Corley, CEO 3883 Steve Reynolds Blvd. Norcross, GA 30093

Volvo Construction Equipment North America, Inc Mr. Patrick Olney, Pres. One Volvo Way Asheville, NC 28803

Case New Holland Inc. Mr. Paolo Monoferino, Pres. 621 State Street Racine, WI 53402

NAVISTAR, INC Mr. Troy Clarke, Pres. 2701 Navistar Dr. Lisle, Il 60532 Mitsubishi Engine North America, Inc. Mr. Dan Booth, Chairman 1250 Greenbriar Drive, Suite E Addison, IL 60101 USA

DAIHATSU MOTOR CO., LTD., c/o TOYOTA MOTOR NORTH AMERICA, INC. CEO: Yukitoshi Funo 19001 SOUTH WESTERN AVENUE TORRANCE CA 90501

DAIMLER AG NORTH AMERICA CORPORATION CEO: Dieter Zetsche 36455 CORPORATE DRIVE FARMINGTON HILLS MI 48331

HYUNDAI MOTOR AMERICA CEO: Chung Mong-koo, Kim Chung Ho, Yoon Gap Han 18335 Mt Langley St, Fountain Valley, CA 92708

NISSAN DIESEL MOTOR CO., LTD., c/o UD TRUCKS NORTH AMERICA, INC. Joachim Rosenberg, Chairman Yusuke Sakaue, President 13391 MCGREGOR BLVD. FORT MYERS FL 33919

YANMAR DIESEL ENGINE CO., LTD. Theodore Bregar, President Yanmar America Corporation 101 International Parkway Adairsville, GA 30103 Dear Mr. President, CEO or Chairman:

Environmental World Watch, LLC (the "Noticing Party") serves this Notice of Violation ("Notice") upon Cummins Inc., Caterpillar Inc., Deere & Company, Detroit Diesel Corporation., Deutz Corporation, Isuzu Motors America, LLC, Komatsu Equipment Company, Kubota Tractor Corporation, Navistar, Inc., Case New Holland Inc., Volvo Construction Equipment North America, Inc., MISUIBISHI ENGINE COMPANY NORTH AMERICA, INC., DAIHATSU MOTOR CO., LTD.(c/o TOYOTO MOTOR N.A.), DAIMLER AG N.A., HYUNDAI MOTOR AMERICA, NISSAN DIESEL MOTOR CO., LTD. (c/o UD TRUCKS N.A. INC.), YANMAR DIESEL ENGINE CO., LTD. (c/o YANMAR AMERICA CORP.) (hereinafter "DIESEL VIOLATORS") pursuant to and in compliance with California Health and Safety Code ("H&S Code") §25249.7(d) and California Code of Regulations ("CCR") §25903.

This Notice satisfies a prerequisite for the Noticing Party to commence an action against the DIESEL VIOLATORS to enforce the Safe Drinking Water and Toxic Enforcement Act of 1986. The violations addressed by this Notice occur in every county and city in California. This Notice is being served upon each DIESEL VIOLATOR, the California Attorney General, the district attorney of every California county and the city attorney of every California city with a population (according to the most recent decennial census) of over 750,000. If the above DIESEL VIOLATOR has a current registration with the California Secretary of State or other corporate website that identifies a Chief Executive Officer, President, or General Counsel, this Notice is being addressed to, and served upon, one of those persons via the entity Agent for Service.

Attached hereto these Notice[s] are copies of "The Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): "A Summary". Copies of the Summary are being provided here in this new amended NOTICE.

The description of the Noticing Party, the alleged DIESEL VIOLATOR, hereafter alleged "VIOLATOR" and the alleged Violations addressed by this Notice:

- This Notice is provided by Environmental World Watch, LLC. (hereinafter "EWW"), which is based in Los Angeles and is registered in California as a Limited Liability Company with the office of the California Secretary of State. EWW is acting in the public interest pursuant to H&S Code §25249.7(d), and is dedicated to protecting the environment, improving human health and supporting environmentally sound practices.
- The VIOLATORS' names along with the VIOLATORS' addresses are to be found at the top of this Notice and on the Distribution Page hereafter.

- The current violations addressed by this Notice began on or after January 1, 2003, and have occurred on numerous occasions each and every day since January 1, 2003, and are ongoing and continuing. The exposures caused by these violations of statute are a "continuing violation", tolling any statutory protection normally afforded the alleged VIOLATOR.
- This Notice of Violation covers the "warning provision" of Proposition 65, which is found at H&S Code §25249.6. There is a further concern that the VIOLATOR has contaminated sources of drinking water within the state in violation of H&S Code §25249.5.
- The name of each chemical that is Listed pursuant to the Safe Drinking Water and Toxic Enforcement Act of 1986 and involved in the violations addressed by this Notice are:
  - 1. Diesel Engine Exhaust,
  - 2. Carbon Monoxide,
  - 3. Formaldehyde,
  - 4. Benzo [a] Pyrene, and
  - 5. Chromium VI;
- The "Listed Chemical[s]". The above Chemical is listed (and has been so listed for more than twelve months) by the Governor of the State of California as being a chemical known to the State of California to cause cancer or reproductive toxicity, or both cancer and reproductive toxicity. See Exhibit B attached hereto.
- The route of exposure for the violations addressed by this Notice is inhalation, however there also is a danger of ingestion and dermal exposures. There is also a danger of a dermal exposure while rain events wash VIOLATOR discharged Listed Chemicals, as toxic air contaminants and particulate matter, out of the ambient air.
- The type of exposures are environmental and occupational exposures while the VIOLATORS Non Road Diesel engine is running in all the 58 counties here in California served with this Notice copy and also after the Non Road Diesel engine has completed its work at the various construction sites as the exhaust waste products remain the ambient here for significant periods of time. These emissions cause global exposures in the specifics county and larger air basin for which each VIOLATOR is also responsible under the theory of "Enterprise Liability".

- The VIOLATORS sell and or introduce into commerce a type of product that is an air contamination conveyance that releases "Toxic Air Contaminants" [TAC's], which subsequently cause environmental and occupational exposures addressed by this Notice. This conveyance is a Non Road Diesel engine powered piece of equipment, including but not limited to all NON ROAD DIESEL EQUIPMENT sold or distributed in California by said VIOLATORS. (See model numbers in Exhibit A)
- There are numerous sources of the exposures addressed in this Notice. These exposures occur in homes, the workplace and in all 58 counties and representative air basins in California where this equipment is utilized in its normal course of business and downwind of these equipment operating locations, construction sites, off road facilities engaged in manufacturing, industry, distribution, trucking, or where the people of the state of California just breathe the ambient air and are not a part of the actual NON ROAD DIESEL EQUIPMENT product purchase or its decision regarding use. The NON ROAD DIESEL EQUIPMENT addressed in this Notice are actually operated by persons (occupational) and while the engine runs it is producing Diesel engine exhaust which is a source of the Listed Chemicals which are carelessly released into the ambient air.
- This contamination can be gauged and quantified by a percentage "contribution" to the permanent damage to the environment in each of the 58 counties of California. Innocent persons have been breathing and will continue to breathe these same Listed Chemicals to their detriment absent environmental warnings, including but not limited to decals on the equipment, Notices in media materials and other media vehicles such as billboards. These exposures occur principally off the property of the Noticed Company and alleged VIOLATOR.
- In the course of doing business, VIOLATORS have and did knowingly and intentionally expose, and continue to expose, individuals (especially pregnant and post-partum women) to the Listed Chemicals. No clear and reasonable warning is or has been provided by VIOLATORS to individuals or groups in the environment as persons.
- These exposures have gone on from at least January 2003 and are ongoing and continuing as EWW believes and so alleges that VIOLATORS have never properly warned in accordance with statutory guidelines. This failure to warn or the VIOLATORS identification of the chemicals released to those that needed warning, specifically but not limited to, DIESEL ENGINE EXHAUST and its identified herein constituents, including but not limited to formaldehyde, Cr VI, benzo [a] pyrene, and carbon monoxide which is released during the use of VIOLATORS NON ROAD DIESEL EQUIPMENT. We believe that the

VIOLATOR, as the manufacture, has and will continue to withhold any meaningful information from those persons that required warning, absent this enforcement action.

- All or most of the 58 Counties identified at the Distribution Page herein have levels or contributions of air contamination from these same Listed chemicals. Many counties are identified by EPA as non-attainment by the various levels of just one Listed reproductive toxicant, released by VIOLATORS, and a part of this Notice: carbon monoxide.
- The inhalation NSRL for Chromium VI is .001 microgram per day, a Listed Chemical alleged to be released here and at levels which regularly exceed the NSRL and now, as of Oct 2012, by ingestion above the action level of .020 ug/l based upon the CA. PHG of 2011. Contamination of drinking water supplies of the state by Chromium VI is a new and previously unnoticed violation of the H&S Code §25249.5 as to each of these alleged VIOLATORS.
- This entire NON ROAD DIESEL EQUIPMENT chemical waste matrix, as part of the VIOLATORS exhaust stream, also causes an "unreasonable risk" to those operators of VIOLATORS equipment as the levels of the Listed Chemicals in and around the VIOLATORS NON ROAD DIESEL EQUIPMENT exhaust pipe exceed known acute thresholds for many of the individual chemicals; but as a cumulative chemical matrix are near lethal. This Notice places each VIOLATOR on notice that other causes of action might be necessary as part of this enforcement action since it appears regulatory agencies are too busy making the taking of lives only punishable by slaps on the hand economically. The mere presence in any VIOLATORS NON ROAD DIESEL EQUIPMENT waste stream going forward, after technology has shown that these discharges can be reduced or eliminated completely, constitutes other violations of these same CA Health and Safety codes and other statutes not yet asserted here, but a part this Notice by reference.

### OCCUPATIONAL ADVISEMENT

The sale by the VIOLATOR, or its agents, of this NON ROAD DIESEL EQUIPMENT constitutes exposures to numerous known carcinogenic chemicals in the environment and the normal use of the equipment by the purchaser or others will cause the subsequent occupational exposures to operators of the equipment without a clear and reasonable warning.

"This notice alleges the violation of Proposition 65 with respect to occupational

exposures governed by the California State Plan for Occupational Safety and Health. The State Plan incorporates the provisions of Proposition 65, as approved by Federal OSHA on June 6, 1997. This approval specifically placed certain conditions with regard to occupational exposures on Proposition 65, in that it does not apply to the conduct of manufacturers occurring outside the State of California. The approval also provides that an employer may use the means of compliance in the general hazard communication requirements to comply with Proposition 65. It also requires that supplemental enforcement is subject to the supervision of the California Occupational Safety and Health Administration. Accordingly, any settlement, civil complaint, or substantive court orders in this matter must be submitted to the Attorney General."

#### ENVIRONMENTAL ADVISEMENT

The location of these alleged exposures are many and varied while occurring within the 58 counties of the state of California as evidenced by the District Attorneys addressed in the enclosed Distribution List. EWW believes and so alleges that most if not all of the jurisdictions identified had DIESELVIOLATORS NON ROAD DIESEL EQUIPMENT sold within that county by a VIOLATORS retail distributor and that sale caused the utilization of the equipment and subsequent environmental exposure.

- Further, that usage caused exposures in possibly all of these 58 jurisdictions to the constituents of the NON ROAD DIESEL EQUIPMENT exhaust stream as identified herein, and those exposures by VIOLATORS were allowed to take place without the prerequisite warnings as delineated by the applicable statutes.
- Please direct any inquiries regarding this Notice or any communication with the responsible party for the noticing entity, Environmental World Watch, LLC to:

Mr. Daniel N. Greenbaum, Esq. 1467 South Holt Ave, #2, Los Angeles, CA 90035 Phone: 310.200.2631 Email: danielgreenbaumesq@gmail.com

### EXHIBIT A

# NON ROAD DIESEL ENGINE MODELS SUBJECT TO ENFORCEMENT 12.3.2013 BY EWW, LLC

### AB VOLVO PENTA

						Certification Level (g/kW-h					
Executive Order	Engine Family	Max. Disp. (liter)		Max. Power (kW)	Application	нс	NO	ζ.	IHC IOx	CO	РМ
U-R-014-0108	9VPXL09.4BA	A 9.4	191	242	Crane, Loader, Pump				3.8	1.2	0.15
U-R-014-0109	9VPXL12.1BA	A 12.1	259	313	Crane, Loader, Pump				3.8	0.9	0.2
U-R-014-0110	9VPXL12.8BC	A 12.8	3 280	448	Generator				3.9	0.8	0.15
U-R-014-0111	9VPXL16.1AC	W 16.1	2 612	673	Generator				5.5	0.7	0.09
U-R-014-0112	9VPXL16.1AC	B 16.1	2 564	603	Generator				5.4	0.7	0.1
U-R-014-0113	9VPXL16.1BE	A 16.1	397	397	Crane, Loader, Pump				3.9	0.8	0.14
U-R-014-0114	9VPXL16.1AC	G 16.1	2 572	572	Pump				6.2	0.6	0.07

### CATERPILLAR, INC.

					С	ertif	icati	ion L	Level	l (g/k	W-hr)
Executive Order	Engine Family	Max. Disp. (liter)		Max. Power (kW)	Application H	C N	Ox	NMI + N(	(	со	РМ
U-R-001-0346	9CPXL07.2ES	L 7.2	130	224	Loader, Dozer, Other Industrial Equipment				3.3	2.8	0.14
U-R-001-0347	9CPXL08.8ESI	K 8.8	159	358	Tractor, Loader, Dozer, Generator, Other Industrial Equipment				3.7	1.3	0.18
U-R-001-0348	9CPXL11.1ESI	K 11.	1 197	336	Loader, Other Industrial Equipment		-   -		3.6	3.3	0.2
U-R-001-0349	9CPXL12.5ESI	K 12.:	5 227	462	Loader, Generator, Other Industrial Equipment	t	-   -		3.7	2.7	0.16

U-R-001-0350	9CPXL12.5ESX	12.5	305	305	Other Industrial Equipment	 	3.8	2.8	0.12
U-R-001-0351	9CPXL15.2ELW	15.2	587	645	Generator	 	5.5	1.8	0.12
U-R-001-0352	9CPXL15.2ESW	15.2	247	532	Loader, Tractor, Generator, Other Industrial Equipment	 	3.7	3.4	0.15
U-R-001-0353	9CPXL58.6T2X	51.8	1101	1647	Generator	 	5.8	1.2	0.17
U-R-001-0354	9CPXL18.1ESK	18.1	328	522	Loader, Tractor, Other Industrial Equipment	 	4	2.4	0.15
U-R-001-0355	9CPXL18.1ESW	18.1	642	688	Generator	 	5.8	0.8	0.08
U-R-001-0356	9CPXL18.1ESX	18.1	570	597	Other Industrial Equipment	 	5.8	0.9	0.11
U-R-001-0357	9CPXL27.0ESK	27	482	552	Loader, Tractor, Other Industrial Equipment	 	3.7	2.8	0.16
U-R-001-0358	9CPXL27.0ESW	27	744	905	Generator	 	5.4	1.3	0.14
U-R-001-0359	9CPXL27.0ESX	27	579	858	Generator, Other Industrial Equipment	 	5.5	1.2	0.08
U-R-001-0359-1	9CPXL27.0ESX	27	579	858	Generator, Other Industrial Equipment	 	5.5	1.2	0.08
U-R-001-0360	9CPXL32.0ESP	32	597	1007	Other Industrial Equipment	 	5.7	0.9	0.06
U-R-001-0361	9CPXL32.0ESW	32	828	1120	Generator, Other Industrial Equipment	 	5.4	1.6	0.13
U-R-001-0362	9CPXL32.0ESX	32	597	1122	Loader, Dozer, Pump, Other Industrial Equipment	 	5.7	0.9	0.06
U-R-001-0363	9CPXL34.5T2E	34.5	671	671	Pump, Compressor	 	6.1	1.6	0.15
U-R-001-0364	9CPXL58.6T2E	58.6	932	1864	Pump, Compressor, Generator, Other Industrial Equipment	 	6.3	1.6	0.16
U-R-001-0365	9CPXL78.1T2E	78.1	1383	2710	Generator	 	5.3	1.2	0.11
U-R-001-0366	9CPXL78.1E2W	78.1	1801	1801	Other Industrial Equipment	 	8.1	1.1	0.18
U-R-001-0367	9CPXL106.T2E	84.7	2772	3297	Generator	 	6.2	1.9	0.16

U-R-001-0369	9CPXL34.5T2C	34.5	682	682	Generator	 	5.3	2.1	0.19
U-R-001-0370	9CPXL58.6T2Y	51.8	1101	1101	Generator	 	6	1.1	0.12
U-R-001-0371	9CPXL78.1T2Y	78.1	1820	2190	Generator	 	5.7	1	0.17
U-R-001-0372	9CPXL78.1T2X	78.1	1383	1603	Generator	 	5.2	1.4	0.15

### CUMMINS ENGINE CO., INC.

						Certification Level (g/kW-hr)					
Executive Order	Engine Family	Max. Disp. (liter)	Min. Power (kW)	Max. Power (kW)	Application 1	HC I	NOx	NM + N		CO	РМ
U-R-002-0464	9CEXL03.3AC	A 3.3	82	82	Other Industrial Equipment	-			3.8	1.4	0.21
U-R-002-0465	9CEXL03.3AC	B 3.3	60	74	Loader, Other Industrial Equipment	-			4.3	1.3	0.23
U-R-002-0466	9CEXL03.3AC	C 3.3	57	65	Crane, Loader, Tractor, Dozer, Pump, Compressor	-			4.1	1.2	0.31
U-R-002-0467	9CEXL03.3AC	D 3.3	48	55	Crane, Loader, Dozer, Pump, Compressor, Generator	-			3.9	1.2	0.15
U-R-002-0468	9CEXL03.3AC	Е 3.3	45	48	Crane, Loader, Tractor, Dozer, Pump, Compressor	-			4.1	2	0.2
U-R-002-0469	9CEXL023.AA	A 23.2	2 567	708	Generator, Other Industrial Equipment	-			7.7	1.1	0.13
U-R-002-0470	9CEXL023.AA	B 23.2	2 664	910	Generator, Other Industrial Equipment	-			5.9	0.8	0.14
U-R-002-0471	9CEXL023.AA	C 23.2	2 567	708	Generator, Other Industrial Equipment	-			5.7	0.6	0.09
U-R-002-0472	9CEXL03.3BA	A 3.3	45	51	Generator	-			4.5	2	0.29
U-R-002-0473	9CEXL0275AA	.G 4.:	5 75	127	Loader, Tractor, Dozer, Pump, Compressor				3.8	0.9	0.13
U-R-002-0474	9CEXL0275AA	H 4.5	5 74	74	Loader, Tractor, Dozer, Pump, Compressor	•			3.8	1.4	0.26

U-R-002-0475	9CEXL0275AAK	4.5	103	155	Generator			3.8	1	0.15
U-R-002-0476	9CEXL0409AAB	6.7	138	205	Loader, Tractor, Dozer, Pump, Compressor			3.7	1.6	0.17
U-R-002-0477	9CEXL0409AAC	6.7	99	129	Loader, Tractor, Dozer, Pump, Compressor			3.4	1.8	0.14
U-R-002-0478	9CEXL0409AAD	6.7	196	242	Generator			4	1	0.11
U-R-002-0479	9CEXL0505AAE	8.3	154	227	Crane, Loader, Tractor, Dozer, Pump, Compressor			4	1.8	0.16
U-R-002-0480	9CEXL0540AAB	8.8	186	321	Crane, Loader, Tractor, Dozer, Pump, Compressor			3.4	1.9	0.18
U-R-002-0481	9CEXL015.AAE	15	291	447	Loader, Tractor, Compressor			3.6	0.7	0.09
U-R-002-0482	9CEXL015.AAH	15	280	496	Loader, Tractor, Other Industrial Equipment			3.9	0.9	0.12
U-R-002-0483	9CEXL015.AAJ	15	563	563	Generator			5.7	0.7	0.13
U-R-002-0484	9CEXL019.AAD	19	377	52	Loader, Dozer			3.8	1.8	0.12
U-R-002-0485	9CEXL030.ABA	30	1007	1119	Generator, Other Industrial Equipment			8.8	0.7	0.17
U-R-002-0486	9CEXL045.AAA	45	895	1678	Other Industrial Equipment	.	0	.032	).002	0.02
U-R-002-0487	9CEXL050.AAA	50	940	1491	Excavator, Other Industrial Equipment			8.8	2.5	0.23
U-R-002-0488	9CEXL050.ABA	50	1096	1655	Generator			7.8	1.8	0.25
U-R-002-0489	9CEXL0661AAF	11	216	298	Crane, Loader, Tractor, Compressor			3.8	0.9	0.1
U-R-002-0490	9CEXL0661AAG	11	373	373	Pump			5.9	0.8	0.12
U-R-002-0491	9CEXL015.AAA	15	447	474	Loader, Tractor, Other Industrial Equipment			5.8	0.4	0.7
U-R-002-0492	9CEXL030.AAB	30	634	895	Other Industrial Equipment			5.6	0.9	0.09
U-R-002-0493	9CEXL030.AAD	30	918	1111	Generator			5.9	0.7	0.12
U-R-002-0494	9CEXL050.AAD	50	563	1976	Generator			6.1	1.2	0.08

U-R-002-0495	9CEXL050.AAF	50	1678	1715	Pump, Other Industrial Equipment	 	5.2	1.8	0.08
U-R-002-0496	9CEXL060.AAB	60	1450	2013	Other Industrial Equipment	 	6	1.1	0.1
U-R-002-0497	9CEXL060.AAD	60	1682	2472	Generator	 	5.4	0.5	0.09
U-R-002-0498	9CEXL078.AAA	78	2610	2722	Other Industrial Equipment	 	8.9	1	0.15
U-R-002-0499	9CEXL0661AAH	11	330	410	Generator	 	3.3	0.6	0.08
U-R-002-0500	9CEXL0661AAJ	11	254	268	Crane, Loader, Tractor, Compressor	 	3.8	1.4	0.14
U-R-002-0501	9CEXL050.AAC	50	563	1864	Other Industrial Equipment	 	5.9	1.7	0.09
U-R-002-0503	9CEXL0540AAD	8.8	272	272	Crane, Loader, Tractor, Dozer, Pump, Compressor	 	4.3	2.8	0.1
U-R-002-0504	9CEXL1.46A32	1.461	14	23	Crane, Loader, Tractor, Dozer, Pump, Compressor	 	6.6	2.4	0.28
U-R-002-0505	9CEXL1.71A31	1.714	19	28	Crane, Loader, Tractor, Dozer, Pump, Compressor	 	5.9	1.5	0.23
U-R-002-0506	9CEXL2.08A43	2.082	22	27	Crane, Loader, Tractor, Dozer, Pump, Compressor	 	5.7	1.7	0.23
U-R-002-0507	9CEXL2.28A41	2.286	29	45	Crane, Loader, Tractor, Dozer, Pump, Compressor	 	4.1	1.5	0.24
U-R-002-0508	9CEXL2.28A42	2.286	22	36	Crane, Loader, Tractor, Dozer, Pump, Compressor	 	6	1.6	0.24
U-R-002-0511	9CEXH0359BBG	5.9	145	172	Other Industrial Equipment	 	1.44	1	0.2
U-R-002-0512	9CEXH0359BBH	5.9	116	138	Other Industrial Equipment	 	2.1	0.8	0.1

DAIHATSU MOTOR CO	D., LTD.		
			Certification Level (g/kW-hr)
Executive Order Engine Family	Max. Min. Max.	Application	HC NOx NMHC CO PM

				Power (kW)		+ N	Ox		
U-R-030-0024	9DHXL.9532D1	0.953	9	14	Tractor, Riding Mower	 	4.8	2.7	0.33
U-R-030-0025	9DHXL.9532DT	0.953	14	19	Tractor, Riding Mower	 	6	1.4	0.23

DAIMLER AG

						Cert	ifica	tion	Leve	1 (g/k	cW-hr)
Executive Order	Engine Family	Max. Disp. (liter)		Max. Power (kW)	Application	HC	NO	NM + N		CO	РМ
U-R-016-0083	9MBXL15.9RJ	A 15.9	3 260	480	Crane, Loader, Dozer, Compressor, Other Industrial Equipment				3.9	0.5	0.07
U-R-016-0084	9MBXL12.8RJI	B 12.8	3 220	390	Crane, Loader, Tractor, Dozer, Pump, Compressor				3.6	0.8	0.1

DAIML	ERCHRYSLER	AG									
						Certification Level (g/kW-l					W-hr)
Executive Order	Engine Family	Max. Disp. (liter)	Power	Max. Power (kW)	Application	НС	NO	K	IHC NOx	CO	РМ
U-R-016-0082	9MBXL07.2RJ	A 7.2	75	240	Crane, Loader, Tractor, Dozer, Pump, Compressor				3.6	1.8	0.18

DETROIT DIESEL CORPORATION	

						Cert	tifica	tion	Leve	l (g/k	W-hr)
Executive Order		-	Min. Power (kW)		Application	нс	NOx	NM + N	HC Ox	CO	РМ
U-R-007-0112	9DDXL14.0VL	D 14	224	511	Crane, Loader, Tractor, Pump, Compressor Generator	.,			3.8	1.1	0.18

DEUTZ	AG										
						Cert	ifica	tion	Leve	l (g/k	W-hr)
Executive Order		Max. Disp. (liter)	Min. Power (kW)	Max. Power (kW)	Application	HC	NOx	NM + N		CO	РМ
U-R-013-0272	9DZXL04.1069	9 4.03	8 66	75	Loader, Tractor, Dozer, Pump, Compresson Other Industrial Equipment				4.4	0.7	0.09
U-R-013-0273	9DZXL04.1070	4.03	8 82	88	Loader, Tractor, Dozer, Pump, Compresson Other Industrial Equipment				4	1	0.15
U-R-013-0274	9DZXL04.1072	2 4.03	8 57	66	Loader, Tractor, Dozer, Other Industrial Equipment				4.6	1.5	0.19
U-R-013-0275	9DZXL04.1076	4.03	8 80	80	Loader, Tractor, Pump, Compressor, Other Industrial Equipment				4	0.6	0.09
U-R-013-0276	9DZXL04.1078	4.03	8 69	73	Tractor				3.7	1.1	0.19
U-R-013-0277	9DZXL04.1079	4.03	8 84	91	Tractor				3.2	1.1	0.21
U-R-013-0278	9DZXL04.1080	4.03	8 77	103	Loader, Tractor, Dozer, Pump, Compresson Other Industrial Equipment				3.9	0.6	0.09
U-R-013-0279	9DZXL04.8068	3 4.76	4 100	100	Loader, Tractor, Dozer, Pump, Compresson Other Industrial Equipment				3.8	0.5	0.09
U-R-013-0280	9DZXL04.8071	4.76	4 83	104	Loader, Tractor, Dozer, Pump, Compresson Other Industrial Equipment				3.8	1.7	0.22
U-R-013-0281	9DZL04.8073	4.76	4 64	75	Loader, Tractor, Other Industrial Equipmer	nt			4.6	2	0.19
U-R-013-0282	9DZXL06.1059	5.70	2 147	147	Loader, Other Industrial Equipment				3.3	0.4	0.07
U-R-013-0283	9DZXL06.1060	6.05	7 200	200	Loader, Other Industrial Equipment				3.5	0.6	0.1
U-R-013-0284	9DZXL06.1063	5.70	2 93	127	Loader, Other Industrial Equipment				3.5	0.7	0.12
U-R-013-0285	9DZXL07.1053	7.14	5 138	200	Loader, Other Industrial Equipment				3.4	0.5	0.12

U-R-013-0286	9DZXL07.1055	7.145	170	200	Loader, Other Industrial Equipment	 	3.8	0.6	0.14
U-R-013-0287	9DZXL01.6050	1.56	13	26	Crane, Loader, Tractor, Pump, Compressor	 	5.6	0.7	0.2
U-R-013-0288	9DZXL03.1041	3.109	15	37	Loader, Pump	 	6.4	2.7	0.21
U-R-013-0289	9DZXL04.8064	4.764	91	129	Loader, Tractor, Dozer, Pump, Compressor, Other Industrial Equipment	 	3.8	0.6	0.08
U-R-013-0290	9DZXL06.1057	6.057	130	155	Loader, Other Industrial Equipment	 	4	0.9	0.06
U-R-013-0291	9DZXL06.1061	6.057	87	131	Loader, Other Industrial Equipment	 	3.9	0.9	0.07
U-R-013-0292	9DZXL06.1077	6.057	93	129	Loader, Other Industrial Equipment	 	3.8	0.9	0.12
U-R-013-0293	9DZXL06.5074	6.472	109	130	Loader, Tractor, Dozer, Pump, Compressor, Other Industrial Equipment	 	4	1.8	0.25
U-R-013-0294	9DZXL06.5075	6.472	86	86	Loader, Tractor, Dozer, Pump, Compressor, Other Industrial Equipment	 	3.9	3.6	0.27
U-R-013-0295	9DZXL07.1051	7.145	140	200	Loader, Tractor, Other Industrial Equipment	 	3.5	0.5	0.1
U-R-013-0296	9DZXL07.1056	7.145	158	261	Loader, Tractor, Dozer, Other Industrial Equipment	 	3.5	0.7	0.11
U-R-013-0297	9DZXL15.9065	15.874	240	500	Loader, Other Industrial Equipment	 	3.9	0.6	0.05
U-R-013-0298	9DZXL06.1067	6.057	133	180	Tractor, Other Industrial Equipment	 	3.8	0.7	0.09
U-R-013-0299	9DZXL02.3047	2.29	35	35	Pump, Compressor, Generator	 	6	1.7	0.24
U-R-013-0300	9DZXL02.3048	2.29	42	50	Crane, Loader, Tractor, Dozer, Pump, Compressor	 	4	1.2	0.24
U-R-013-0300-1	9DZXL02.3048	2.29	37	50	Crane, Loader, Tractor, Dozer, Pump, Compressor	 	4.3	1.5	0.16
U-R-013-0301	9DZXL02.3090	2.29	24	37	Crane, Loader, Tractor, Dozer, Pump, Compressor	 	6.3	0.8	0.17

U-R-013-0302	9DZXL02.3092	2.29	26	26	Pump, Compressor, Generator	 	6.6	0.7	0.2
U-R-013-0303	9DZXL02.3099	2.29	44	50	Crane, Loader, Tractor, Dozer, Pump, Compressor	 	4.4	1	0.25
U-R-013-0304	9DZXL02.7096	2.332	45	45	Other Industrial Equipment	 	4.6	1.2	0.21
U-R-013-0305	9DZXL03.2088	3.236	37	37	Generator, Other Industrial Equipment	 	6.4	3.4	0.15
U-R-013-0306	9DZXL03.6081	3.619	41	48	Loader, Tractor, Other Industrial Equipment	 	4.1	1.4	0.18
U-R-013-0307	9DZXL03.6082	3.619	49	56	Loader, Tractor, Dozer, Pump, Compressor, Other Industrial Equipment	 	4.6	1.4	0.17
U-R-013-0308	9DZXL03.6084	3.619	40	50	Loader, Tractor, Other Industrial Equipment	 	4.4	1	0.18
U-R-013-0309	9DZXL03.6086	3.619	58	75	Loader, Tractor, Other Industrial Equipment	 	4.5	0.8	0.2
U-R-013-0310	9DZXL03.6097	3.619	52	59	Loader, Tractor, Other Industrial Equipment	 	4.6	1.4	0.17
U-R-013-0311	9DZXL03.6098	3.619	54	68	Loader, Tractor, Other Industrial Equipment	 	4.2	1.1	0.23
U-R-013-0311-1	9DZXL04.6098	3.619	58	68	Loader, Tractor, Other Industrial Equipment	 	4.2	1.1	0.23
U-R-013-0312	9DZXL05.4087	4.314	38	55	Loader, Tractor, Other Industrial Equipment	 	4.4	3.5	0.27
U-R-013-0313	9DZXL06.5095	4.314	57	75	Loader, Tractor, Other Industrial Equipment	 	4.6	4.2	0.31
U-R-013-0314	9DZXL07.1052	7.146	191	191	Pump, Compressor, Other Industrial Equipment	 	4	0.6	0.11
U-R-013-0316	9DZXL01.7091	1.718	18	18	Pump, Compressor, Generator	 	4.9	1	0.3
U-R-013-0317	9DZXL03.6085	3.619	52	55	Loader, Tractor, Other Industrial Equipment	 	4.6	1.2	0.24
U-R-013-0318	9DZXL06.5083	6.472	109	130	Pump, Compressor, Generator, Other Industrial Equipment	 	3.8	1.8	0.2

HYUNDAI MOTOR COMPANY

Certification Level (g/kW-hr)

Executive Order	Engine Family			Max. Power (kW)	Application	нс	NO	X	IHC IOx	CO	РМ
U-R-058-0001	9HYXL03.9TD	OI 3.9	68	74	Pump, Other Industrial Equipment				3.7	2.9	0.23
U-R-058-0001-1	9HYXL03.9TD	9I 3.9	68	74	Pump, Other Industrial Equipment				4	2.9	0.24

### ISUZU MOTORS LIMITED

					(	Certification Lev				l (g/k	W-hr)
Executive Order	Engine Family	Max. Disp. (liter)	Min. Power (kW)	Max. Power (kW)	Application F	HC I	NOx	NM + N		CO	РМ
U-R-006-0294	9SZXL02.2UT	A 2.2	35	35	Excavator, Other Industrial Equipment	-			4	0.4	0.15
U-R-006-0295	9SZXL02.2UX	A 2.2	40	43	Excavator, Other Industrial Equipment	-			4.3	0.9	0.26
U-R-006-0296	9SZXL02.2VN	A 2.2	33	36	Excavator, Other Industrial Equipment	-			5.4	1.1	0.17
U-R-006-0297	9SZXL02.2VN	В 2.2	26	26	Generator	-			6.6	2	0.25
U-R-006-0298	9SZXL02.2VN	C 2.2	26	26	Generator	-			6.2	0.8	0.1
U-R-006-0299	9SZXL02.2VT	B 2.2	35	35	Generator	-			5.4	0.5	0.12
U-R-006-0300	9SZXL03.0IXA	A 3	77	95	Excavator, Other Industrial Equipment	-			3.7	0.6	0.13
U-R-006-0301	9SZXL03.0JTA	A 3	61	61	Excavator, Other Industrial Equipment	-			4	1.6	0.23
U-R-006-0302	9SZXL03.0JXA	A 3	73	73	Excavator, Other Industrial Equipment	-			4	0.8	0.09
U-R-006-0303	9SZXL03.0JXI	3 3	73	73	Generator	-			2.9	1.2	0.17
U-R-006-0304	9SZXL03.0UT	B 2.2	45	50	Generator				3	1.4	0.23
U-R-006-0305	9SZXL05.2HX	A 5.2	140	147	Crane, Excavator, Other Industrial Equipmen	it -			3.5	0.6	0.08
U-R-006-0306	9SZXL05.2IXA	A 5.2	92	128	Crane, Loader, Other Industrial Equipment	-			3.6	1.3	0.07

U-R-006-0307	9SZXL05.2IXB	5.2	129	129	Generator	 	2.6	1.1	0.17
U-R-006-0308	9SZXL07.8HXA	7.8	137	212	Crane, Loader, Other Industrial Equipment	 	3.7	0.9	0.12
U-R-006-0309	9SZXL07.8HXB	7.8	179	198	Generator	 	3.4	0.9	0.08
U-R-006-0310	9SZXL09,8HXA	9.8	260	270	Crane, Loader, Other Industrial Equipment	 	3.5	0.9	0.15
U-R-006-0311	9SZXL09.8HXB	9.8	260	260	Generator	 	3.3	0.6	0.09
U-R-006-0312	9SZXL15.7HXA	15.7	260	397	Excavator, Other Industrial Equipment	 	3.6	0.8	0.17
U-R-006-0313	9SZXL15.7HXB	15.7	397	397	Generator	 	3.3	0.8	0.16

JOHN L	DEERE POWER	syst	EMS							
					C	Certif	icati	ion Le	vel (g	kW-hr)
Executive Order	Engine Family	Max. Disp. (liter)	Min. Power (kW)	Max. Power (kW)	Application H	IC N	Ox	NMH( + NO	CO	РМ
U-R-004-0345	9JDXL02.905	0 2.9	) 34	34	Tractor, Pump, Compressor, Generator, Other Industrial Equipment	r		6	4 2	0.26
U-R-004-0347	9JDXL03.011	3 3	60	74	Pump, Compressor, Generator, Other Industria Equipment	al	-	4	1 1.	7 0.21
U-R-004-0349	9JDXL03.020	3 3	48	55	Pump, Compressor, Generator, Other Industria Equipment	al	-	4	2 0.8	3 0.17
U-R-004-0350	9JDXL03.020	8 3	45	55	Pump, Compressor, Generator, Other Industria Equipment	al	-	3	9 1	0.22
U-R-004-0351	9JDXL02.4074	4 2.4	4 35	36	Pump, Compressor, Generator, Other Industria Equipment	al	-	6	6 2.'	7 0.3
U-R-004-0352	9JDXL03.0064	4 3	72	74	Pump, Compressor, Generator, Other Industria Equipment	al	-	6	4 1	0.24
U-R-004-0353	9JDXL03.006	3 3	30	47	Loader, Tractor, Compressor, Generator, Othe	er		6	9 1.9	0.34

					Industrial Equipment				
U-R-004-0354	9JDXL03.0206	2.4	30	33	Pump, Compressor, Generator, Other Industrial Equipment	 	7.3	1.4	0.26
U-R-004-0355	9JDXL02.4207	2.4	49	49	Pump, Compressor, Generator, Other Industrial Equipment	 	7	1.6	0.28
U-R-004-0356	9JDXL02.9088	2.9	42	55	Tractor, Other Industrial Equipment	 	6.5	1.6	0.31
U-R-004-0357	9JDXL06.8049	6.8	168	205	Pump, Compressor, Generator, Other Industrial Equipment	 	5.8	0.9	0.13
U-R-004-0358	9JDXL06.8080	6.8	131	154	Loader, Tractor, Other Industrial Equipment	 	6.1	1.2	0.13
U-R-004-0359	9JDXL04.5083	4.5	74	74	Tractor, Pump, Compressor, Generator, Other Industrial Equipment	 	5.8	1.4	0.24
U-R-004-0360	9JDXL08.1037	8.1	250	286	Loader, Tractor, Pump, Compressor, Generator, Other Industrial Equipment	 	6.1	0.8	0.15
U-R-004-0361	9JDXL06.8101	6.8	53	235	Loader, Tractor, Pump, Compressor, Generator, Other Industrial Equipment	 	3.4	0.6	0.11
U-R-004-0362	9JDXL06.8104	6.8	138	177	Loader, Tractor, Compressor, Generator, Other Industrial Equipment	 	3.6	1.3	0.18
U-R-004-0363	9JDXL06.8105	6.8	78	129	Loader, Tractor, Pump, Compressor, Generator, Other Industrial Equipment	 	3.4	1.5	0.25
U-R-004-0364	9JDXL06.8106	6.8	56	74	Tractor, Pump, Generator, Other Industrial Equipment	 	4.1	1.4	0.2
U-R-004-0365	9JDXL04.5111	4.5	60	74	Pump, Compressor, Generator, Other Industrial Equipment	 	4	0.9	0.3
U-R-004-0366	9JDXL04.5107	4.5	63	74	Pump, Compressor, Generator, Other Industrial Equipment	 	4.1	2.3	0.19
U-R-004-0367	9JDXL04.5112	4.5	56	65	Loader, Tractor, Pump, Compressor, Generator,	 	4.4	1.2	0.33

					Other Industrial Equipment				
U-R-004-0368	9JDXL09.0102	9	160	303	Loader, Tractor, Dozer, Pump, Compressor, Generator	 	3.6	0.5	0.12
U-R-004-0369	9JDXL09.0114	9	229	315	Pump, Generator, Other Industrial Equipment	 	3.7	0.9	0.16
U-R-004-0370	9JDXL13.5103	13.5	220	470	Loader, Tractor, Pump, Compressor, Generator, Other Industrial Equipment	 	3.4	0.6	0.1
U-R-004-0372	9JDXL06.8115	6.8	134	224	Loader, Tractor, Dozer, Pump, Generator, Other Industrial Equipment	 	3.4	0.7	0.12
U-R-004-0372-1	9JDXL06.8115	6.8	134	235	Loader, Tractor, Dozer, Pump, Generator, Other Industrial Equipment	 	3.4	0.6	0.12
U-R-004-0373	9JDXL06.8116	6.8	104	129	Loader, Tractor, Dozer, Pump, Generator, Other Industrial Equipment	 	3.5	0.8	0.11
U-R-004-0373-1	9JDXL06.8116	6.8	104	129	Loader, Tractor, Dozer, Pump, Generator, Other Industrial Equipment	 	3.4	0.8	0.11
U-R-004-0374	9JDXL06.8117	6.8	86	129	Loader, Tractor, Dozer, Pump, Generator, Other Industrial Equipment	 	3.5	1.6	0.2
U-R-004-0395	9JDXL06.8078	4.5	97	104	Crane, Tractor, Pump, Compressor, Generator, Other Industrial Equipment	 	5.6	1	0.26

KOMAT	SU, LTD.										
						Cer	tifica	ition	Leve	el (g/k	xW-hr)
Executive Order	Engine Family	-	Min. Power (kW)	Max. Power (kW)	Application	нс	NO	X	1HC NOx	CO	РМ
U-R-005-0316	9KLXL03.3JA	6 3.3	34	38	Crane, Loader, Tractor, Dozer, Pump, Compressor				4.1	2	0.2
U-R-005-0317	9KLXL03.3JB	6 3.3	48	55	Crane, Loader, Tractor, Dozer, Pump, Compressor				3.9	1.2	0.15

U-R-005-0318	9KLXL03.3JD6	3.3	59	75	Loader, Dozer, Other Industrial Equipment	 	4.3	1.3	0.23
U-R-005-0319	9KLXL03.3JD7	3.3	82	82	Other Industrial Equipment	 	3.8	1.4	0.21
U-R-005-0320	9KLXL03.3JD8	3.3	57	65	Crane, Loader, Tractor, Dozer, Pump, Compressor	 	4.1	1.2	0.31
U-R-005-0321	9KLXL03.3JD9	3.3	43	51	Dozer, Other Industrial Equipment	 	4.3	1.4	0.22
U-R-005-0322	9KLXL11.0DD6	11	199	313	Loader, Dozer, Generator, Other Industrial Equipment	 	3.5	1.3	0.17
U-R-005-0323	9KLXL15.2ED6	15.2	266	431	Loader, Dozer, Other Industrial Equipment	 	3.6	0.4	0.15
U-R-005-0324	9KLXL15,2ED7	15.2	418	418	Other Industrial Equipment	 	3.5	0.4	0.13
U-R-005-0325	9KLXL23.2FD5	23.2	664	910	Generator, Other Industrial Equipment	 	5.9	0.8	0.14
U-R-005-0326	9KLXL23.2FD6	23.2	396	552	Loader, Dozer, Other Industrial Equipment	 	3.7	0.5	0.18
U-R-005-0327	9KLXL23.2FD7	23.2	567	708	Generator, Other Industrial Equipment	 	5.7	0.6	0.09
U-R-005-0328	9KLXL30.5GD3	30.5	636	895	Loader, Dozer, Other Industrial Equipment	 	5.9	0.6	0.15
U-R-005-0329	9KLXL0275AAG	4.5	80	110	Loader, Tractor, Dozer, Pump, Compressor	 	3.8	0.9	0.13
U-R-005-0330	9KLXL0275AAH	4.5	74	74	Loader, Tractor, Dozer, Pump, Compressor	 	3.8	1.4	0.26
U-R-005-0331	9KLXL0409AAB	6.7	134	205	Loader, Tractor, Dozer, Pump, Compressor	 	3.5	1.6	0.17
U-R-005-0332	9KLXL0409AAC	6.7	99	129	Loader, Tractor, Dozer, Pump, Compressor	 	3.4	1.8	0.14
U-R-005-0333	9KLXL0505AAE	8.3	147	227	Crane, Loader, Tractor, Dozer, Pump, Compressor	 	4	1.8	0.17
U-R-005-0334	9KLXL050.AAA	50	940	1491	Excavator, Other Industrial Equipment	 	8.8	2.5	0.23
U-R-005-0335	9KLXL050.AAC	50	940	1864	Other Industrial Equipment	 	5.9	1.7	0.09
U-R-005-0336	9KLXL060.AAA	60	1109	2051	Other Industrial Equipment	 	8.5	1.8	0.15

U-R-005-0337	9KLXL060.AAB	60	1329	2013	Other Industrial Equipment	 	6	1.1	0.1
U-R-005-0338	9KLXL078.AAA	78	2610	2722	Other Industrial Equipment	 	8.8	1	0.15

### KUBOTA CORPORATION

					С	Certif	icati	on Lev	vel (g/l	kW-hr)
Executive Order	Engine Family	Max. Disp. (liter)		Max. Power (kW)	Application H	IC N	Ox	NMH + NO2	CO	РМ
U-R-025-0360	9KBXL06.1AHI	D 6.12	24 101	118	Tractor, Other Industrial Equipment			3.	7 0.6	0.14
U-R-025-0361	9KBXL.276KCF	3 0.27	6 11	12	Generator, Other Industrial Equipment			5.	8 4.7	0.33
U-R-025-0362	9KBXL.416KCF	3 0.41	6 7	7	Pump, Generator, Other Industrial Equipment	;		6.	3 3.1	0.26
U-R-025-0363	9KBXL.325KCF	3 0.32	5 5	5	Generator, Other Industrial Equipment			5.	2 2.5	0.21
U-R-025-0364	9KBXL.325NCF	3 0.32	6	6	Generator, Other Industrial Equipment			5.	4 2.7	0.2
U-R-025-0365	9KBXL.719KCF	3 0.71	9 6	15	Other Industrial Equipment			6.	2 3.5	0.24
U-R-025-0366	9KBXL.719KCC	C 0.71	9 7	15	Generator, Other Industrial Equipment			6.	2 3.8	0.25
U-R-025-0367	9KBXL.778KCF	3 0.77	8 9	14	Generator, Other Industrial Equipment			5.	8 2.5	0.29
U-R-025-0368	9KBXL.898KCF	3 0.89	8 7	18	Generator, Other Industrial Equipment			5.	2 2.1	0.27
U-R-025-0369	9KBXL01.0BCC	C 1.00	9	12	Generator, Other Industrial Equipment			5.	6 0.9	0.21
U-R-025-0370	9KBXL01.1BCF	3 1.12	3 14	18	Tractor, Compressor, Generator, Other Industria Equipment	al		6.	7 1.4	0.19
U-R-025-0371	9KBXL01.3BCF	3 1.33	5 14	18	Loader, Other Industrial Equipment			6.	1 1.7	0.18
U-R-025-0372	9KBXL01.3DCF	3 1.26	51 15	18	Tractor, Other Industrial Equipment			5.	4 1.3	0.21
U-R-025-0373	9KBXL01.3DCC	C 1.26	1 12	15	Generator, Other Industrial Equipment		-   -	5.	2 1	0.19

		1 400	10	1.0			5.2	1	0.21
U-R-025-0374	9KBXL01.5BCC	1.498	10	18	Generator, Other Industrial Equipment	 	5.2	1	0.21
U-R-025-0375	9KBXL01.5FCC	1.499	18	18	Generator, Other Industrial Equipment	 	6.2	1	0.21
U-R-025-0376	9KBXL01.9FCB	1.857	18	18	Compressor, Other Industrial Equipment	 	5.5	1.5	0.19
U-R-025-0377	9KBXL01.3BCD	1.335	19	25	Tractor, Compressor, Generator, Other Industrial Equipment	 	4.7	1.6	0.22
U-R-025-0378	9KBXL01.5BAD	1.498	23	33	Tractor, Compressor, Generator, Other Industrial Equipment	 	5.6	0.7	0.16
U-R-025-0379	9KBXL01.5BCD	1.498	19	29	Tractor, Compressor, Generator, Other Industrial Equipment	 	4.8	1.2	0.24
U-R-025-0380	9KBXL01.5FAD	1.499	28	33	Tractor, Compressor, Generator, Other Industrial Equipment	 	5.8	0.8	0.23
U-R-025-0381	9KBXL01.7BCD	1.681	19	20	Tractor, Compressor, Generator, Other Industrial Equipment	 	4.8	1.1	0.21
U-R-025-0382	9KBXL01.8FAD	1.826	31	31	Other Industrial Equipment	 	6.1	1	0.22
U-R-025-0383	9KBXL02.0FAC	1.999	32	33	Compressor, Generator, Other Industrial Equipment	 	5.6	0.7	0.21
U-R-025-0384	9KBXL02.0FCC	1.999	24	25	Crane, Generator, Other Industrial Equipment	 	6	1	0.18
U-R-025-0385	9KBXL02.0FCD	1.999	21	22	Tractor, Crane, Generator, Other Industrial Equipment	 	5.8	1	0.13
U-R-025-0386	9KBXL02.2FCC	2.197	27	29	Compressor, Generator, Other Industrial Equipment	 	5.7	1	0.24
U-R-025-0387	9KBXL02.2FCD	2.197	20	36	Tractor, Compressor, Generator, Other Industrial Equipment	 	6	1	0.17
U-R-025-0388	9KBXL02.2GCC	2.216	23	24	Other Industrial Equipment	 	6.5	1.5	0.21
U-R-025-0389	9KBXL02.2RCD	2.216	23	28	Other Industrial Equipment	 	6.1	1	0.21

U-R-025-0390	9KBXL02.4ECD	2.434	23	36	Other Industrial Equipment	 	6.2	2.2	0.21
U-R-025-0391	9KBXL02.4FCC	2.434	30	31	Compressor, Generator, Other Industrial Equipment	 	6.4	0.7	0.24
U-R-025-0392	9KBXL02.4FCD	2.434	23	36	Tractor, Compressor, Generator, Other Industrial Equipment	 	6.3	0.9	0.18
U-R-025-0393	9KBXL02.4GAD	2.434	36	36	Loader, Tractor, Compressor, Generator, Other Industrial Equipment	 	3.3	0.8	0.19
U-R-025-0394	9KBXL03.3BCC	3.318	36	36	Generator	 	6.5	1.4	0.22
U-R-025-0395	9KBXL02.4FAD	2.434	41	67	Tractor, Other Industrial Equipment	 	3.9	1.1	0.21
U-R-025-0396	9KBXL02.4HAD	2.434	38	45	Tractor, Other Industrial Equipment	 	3.6	1	0.22
U-R-025-0397	9KBXL02.6EAD	2.615	42	49	Compressor	 	3.9	0.9	0.22
U-R-025-0398	9KBXL03.3CAD	3.331	41	55	Tractor, Other Industrial Equipment	 	3.9	1.2	0.21
U-R-025-0399	9KBXL03.6BAC	3.62	46	52	Generator	 	4.2	0.6	0.26
U-R-025-0400	9KBXL03.6BCD	3.62	47	52	Tractor, Compressor, Generator, Other Industrial Equipment	 	3.9	1.1	0.22
U-R-025-0401	9KBXL03.6DAD	3.62	43	46	Other Industrial Equipment	 	4.2	0.8	0.18
U-R-025-0402	9KBXL03.6BAD	3.62	57	64	Tractor, Compressor, Generator, Other Industrial Equipment	 	4.1	0.7	0.21
U-R-025-0403	9KBXL03.8AAC	3.769	57	57	Generator, Other Industrial Equipment	 	4.3	1.6	0.19
U-R-025-0404	9KBXL03.8AAD	3.769	56	74	Tractor, Compressor, Generator, Other Industrial Equipment	 	4.2	0.9	0.32
U-R-025-0405	9KBXL03.8AGD	3.769	74	74	Tractor	 	3.4	1.5	0.16
U-R-025-0406	9KBXL03.8AHD	3.769	77	85	Other Industrial Equipment	 	3.6	1.1	0.14

U-R-025-0407	9KBXL02.6ECD	2.615	31	36	Compressor, Other Industrial Equipment	 	5.4	1.7	0.25
U-R-025-0408	9KBXL03.3EAD	3.331	64	64	Loader, Tractor, Other Industrial Equipment	 	4.2	1	0.35

### MITSUBISHI HEAVY INDUSTRIES, LTD.

						Certi	ifica	tion I	Leve	l (g/k	W-hr)
Executive Order	Engine Family	Max. Disp. (liter)		Max. • Power (kW)	Application	HC ]	NOx	NM + N		CO	РМ
U-R-035-0258	9MVXL01.0DI	DD 1	Ģ	13	Tractor, Generator, Other Industrial Equipme	ent			5.6	2.5	0.34
U-R-035-0259	9MVXL01.3DI	DD 1.	5 1	4 18	Tractor, Generator, Other Industrial Equipme	ent			5.7	2.2	0.26
U-R-035-0260	9MVXL01.8DI	DD 1.5	8 2	0 31	Tractor, Dozer, Generator				5.4	1.5	0.25
U-R-035-0261	9MVXL01.8EE	EE 1.8	32	36	Tractor, Other Industrial Equipment				5.9	0.9	0.19
U-R-035-0262	9MVXL02.5EF	EE 2.5	23	35	Generator, Excavator				5.8	1.2	0.27
U-R-035-0263	9MVXL02.5FF	FF 2.5	30	36	Excavator				5.5	0.7	0.24
U-R-035-0264	9MVXL03.3AA	AC 3.	3 4	5 45	Generator				4.2	1.2	0.25
U-R-035-0265	9MVXL03.3AA	AE 3.3	3 6	2 62	Crane, Loader, Tractor, Dozer, Pump, Compressor				4.2	1.5	0.34
U-R-035-0266	9MVXL02.5GC	GG 2.:	5 2	36	Excavator				5.6	1.1	0.2
U-R-035-0267	9MVXL03.3AA	AH 3.	3 5	5 55	Crane, Loader, Tractor, Dozer, Pump, Compressor				4.2	1.2	0.24
U-R-035-0268	9MVXL03.3DI	DE 3.:	3 6	9 69	Crane, Loader, Tractor, Dozer, Pump, Compressor				3.9	1	0.35
U-R-035-0269	9MVXL04.2BE	3B 4.2	2 7.	4 74	Loader, Tractor, Dozer, Pump, Compressor Other Industrial Equipment				4.2	2.1	0.21
U-R-035-0270	9MVXL04.2C0	CC 4.2	2 6	4 72	Crane, Loader, Tractor, Dozer, Pump,				3.2	2.4	0.16

					Compressor				
U-R-035-0271	9MVXL05.0AAA	5	57	57	Crane, Loader, Tractor, Dozer, Pump, Compressor	 	4.2	0.9	0.36
U-R-035-0272	9MVXL05.0AAD	5	37	52	Crane, Loader, Tractor, Dozer, Pump, Compressor	 	4.1	0.7	0.23
U-R-035-0273	9MVXL06.4FFF	6.4	91	117	Crane, Loader, Tractor, Pump, Compressor, Other Industrial Equipment	 	3.6	3.8	0.25
U-R-035-0274	9MVXL24.5BBA	24.5	685	685	Generator	 	5.9	0.7	0.14
U-R-035-0275	9MVXL33.9BBA	33.9	900	900	Generator	 	5.7	0.6	0.17
U-R-035-0276	9MVXL37.1BBA	37.1	1139	1139	Generator	 	5.6	0.7	0.14
U-R-035-0277	9MVXL49.0BBA	49	1403	1403	Generator	 	5.6	0.6	0.15
U-R-035-0278	9MVXL65.4BBA	65.4	1749	2180	Generator	 	6.1	0.6	0.16
U-R-035-0280	9MVXL02.5HHH	2.5	41	41	Excavator	 	4.3	0.8	0.25
U-R-035-0281	9MVXL03.3AAF	3.3	29	35	Crane, Loader, Tractor, Dozer, Pump, Compressor	 	6.7	0.6	0.27
U-R-035-0282	9MVXL05.0AAG	5	64	64	Pump, Compressor, Generator, Other Industrial Equipment	 	3.9	1.2	0.25

MTU DETROIT DIES	EL, INC.
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							Cer	tifica	tion	Leve	l (g/k	W-hr)
Executive Order	Engine Family	Max. Disp. (liter)	Min. Powe (kW)	r Po		Application	нс	NO	NM + N		CO	РМ
U-R-052-0008	9MDDL31.8XR	2R 31.	.8 50	57 1	1119	Crane, Loader, Tractor, Pump, Compresso Generator	r,			6.1	1.6	0.16
U-R-052-0009	9MDDL35.8GR	2R 35.	.8 71	0 1	1310	Pump, Compressor, Generator				5.5	1.6	0.16

NAVIST	TAR INC.										
						Cer	tifica	tion	Leve	el (g/k	W-hr)
Executive Order	Engine Family	Disp.	Power	Max. Power (kW)	Application	HC	NO	x	IHC IOx	CO	РМ
U-R-012-0072	9NVXL0466AN	JA 7.	6 164	4 224	Pump				3.9	0.9	0.07

### NISSAN DIESEL MOTOR CO., LTD.

					С	ertifi	catio	on Lev	el (g/	kW-hr)
Executive Order	Engine Family	Max. Disp. (liter)	Min. Power (kW)		Application H	C NO	Dx	MHC - NOx	CO	РМ
U-R-031-0026	9NDXL02.7TN	A 2.66	3 37	41	Loader, Tractor, Pump, Compressor, Generator Other Industrial Equipment	;,		4.	5 1.9	0.29
U-R-031-0027	9NDXL03.2TN	A 3.15	3 41	46	Loader, Tractor, Pump, Compressor, Other Industrial Equipment			3.	9 1.2	0.25
U-R-031-0028	9NDXL04.2TN	A 4.16	69 64	64	Loader, Tractor, Pump, Compressor, Other Industrial Equipment			4.	2 1.5	0.24

# VOLVO CONSTRUCTION EQUIPMENT AB

						Cer	tifica	tion	Leve	el (g/k	cW-hr)
Executive Order	Engine Family	Max. Disp. (liter)	Min. Power (kW)	Max. Power (kW)	Application	нс	NO	x	IHC IOx	CO	РМ
U-R-003-0051	9VSXL09.4CE	3 9.4	191	242	Other Industrial Equipment				3.9	1.2	0.15
U-R-003-0052	9VSXL12.1CE	3 12.	1 195	280	Loader, Other Industrial Equipment				3.8	0.8	0.14
U-R-003-0053	9VSXL16.1CE	3 16.	1 346	397	Loader, Other Industrial Equipment				3.8	0.9	0.17

YANMAR DIESEL ENGINE CO., LTD.

						Certification Level (g/kW-hr)					
Executive Order	Engine Family	Max. Disp. (liter)	Min. Power (kW)	Max. Power (kW)	Application	нс	NO	X	HC Ox	CO	РМ
U-R-028-0422	9YDXL1.11V31	N 1.11	6 12	19	Crane, Loader, Tractor, Dozer, Pump, Compressor				4.9	1.4	0.13
U-R-028-0447	9YDXN0.57P21	N 0.57	/ 10	10	Other Industrial Equipment				5.1	1.1	0.27
U-R-028-0448	9YDXNO.85P3	N 0.85	4 15	15	Other Industrial Equipment				5.1	1.1	0.21
U-R-028-0449	9YDXN1.11P31	N 1.11	6 21	21	Other Industrial Equipment				5	0.8	0.15

#### CASE CORPORATION Certification Level (g/bhp-hr) Max. Min. Max. NMHC **Executive Order Engine Family** Disp. Power Power **Application** THC NOx <u>CO</u> <u>PM</u> $+ NO^{\circ}$ (liter) (kW) (kW) XX9XL0359ABA 5.9 LOADER, TRACTOR, DOZER, GENE, PUMP 0.3 5.13 ---0.6 0.138 138 149 <u>U-R-011-0016</u> CRANE, LOADER, TRACTOR, DOZER, 153 0.3 5.51 ---0.6 0.245 XX9XL0505AAA 8.3 135 <u>U-R-011-0017</u> PUMP, COMPRESSOR, GEN SET XX9XL0505ABA 8.3 186 194 LOADER, TRAC, DOZ, PUMP, GEN SET 0.4 5.82 ----0.7 0.193 <u>U-R-011-0018</u> LOAD, TRAC, DOZ, PUMP, GEN, XX9XL0505ABB 8.3 160 179 0.3 5.38 ----0.5 0.189 <u>U-R-011-0019</u> COMPRESSOR LOADER, TRAC, DOZ, PUMP, XX9XL0505ACA 8.3 151 209 0.5 5.47 ----0.5 0.157 <u>U-R-011-0020</u> COMPRESSOR, GEN SET XX9XL0505ABC 8.3 183 254 TRACTOR 0.1 3.9 0.6 0.09 ----U-R-011-0021

### EXHIBIT B

### **NOTICED PARTIES:**

### CUMMINS INC., CATERPILLAR INC., DEERE & COMPANY., DETROIT DIESEL CORP., DEUTZ CORPORATION, VOLVO CONSTRUCTION EQUIPMENT NORTH AMERICA, INC., CASE NEW HOOLAND INC., NAVISTAR, INC., KUBOTA TRACTOR CORPORATION, KOMATSU EQUIPMENT COMPANY, ISUZU MOTORS AMERICA, LLC., MISUIBISHI ENGINE COMPANY NORTH AMERICA, INC., DAIHATSU MOTOR CO., LTD.(c/o TOYOTO MOTOR N.A.), DAIMLER AG N.A., HYUNDAI MOTOR AMERICA, NISSAN DIESEL MOTOR CO., LTD. (c/o UD TRUCKS N.A. INC.), YANMAR DIESEL ENGINE CO., LTD. (c/o YANMAR AMERICA CORP.)

List Of Chemicals Contained In The Attached 60-Day Notice of Violation That Are Listed By The Governor Of The State Of California As Being Known To The State Of California To Cause Cancer Or Reproductive Toxicity

### CARCINOGENS

Chemical	CAS No.	Date Added to List			
DIESEL ENGINE EXHAUST	****	Oct. 1, 1990			
Chromium VI [Hexavalent and its compounds]	****	Feb 27, 1987			
Formaldehyde (gas)	50-00-0	Jan. 1, 1988			
Benzo [a] Pyrene,	50-32-8	July 1, 1987			
1,3- Butadiene	106-99-0	April 1, 1988			

#### **REPRODUCTIVE TOXICANT**

Chemical	CAS No.	Date Added to List
Carbon Monoxide	630-08-0	July 1, 1989
Chromium VI [Hexavalent and its compounds]	****	Dec 19, 2008
1,3- Butadiene	106-99-0	April 16, 2004

### CERTIFICATE OF MERIT HEALTH AND SAFETY CODE SECTION 25249.7(d)

### NOTICED PARTY (S):

CUMMINS INC., CATERPILLAR INC., DEERE & COMPANY., DETROIT DIESEL CORP., DEUTZ CORPORATION, VOLVO CONSTRUCTION EQUIPMENT NORTH AMERICA, INC., CASE NEW HOOLAND INC., NAVISTAR, INC., KUBOTA TRACTOR CORPORATION, KOMATSU EQUIPMENT COMPANY, ISUZU MOTORS AMERICA, LLC., MISUIBISHI ENGINE COMPANY NORTH AMERICA, INC., MISUIBISHI ENGINE COMPANY NORTH AMERICA, INC., DAIHATSU MOTOR CO., LTD.(c/o TOYOTO MOTOR N.A.), DAIMLER AG N.A., HYUNDAI MOTOR AMERICA, NISSAN DIESEL MOTOR CO., LTD. (c/o UD TRUCKS N.A. INC.), YANMAR DIESEL ENGINE CO., LTD. (c/o YANMAR AMERICA CORP.)

I, Daniel N. Greenbaum, on behalf of Environmental World Watch, LLC., hereby declare:

1. This Certificate of Merit accompanies the attached sixty-day Notice(s) in which it is alleged that the parties identified in the Notices have violated California Health and Safety Code section 25249.6 by failing to provide clear and reasonable warnings.

2. I am the attorney for the noticing party.

3. I have consulted with one or more persons with relevant and appropriate experience or expertise who has reviewed facts, studies, or other data regarding the exposure to the Listed chemical(s) that is the subject of this action.

4. Based upon the information obtained through those consultations, and all other information in my possession, I believe there is a reasonable and meritorious case for the private action. I understand that "reasonable and meritorious case for private action" means that the information provides a credible basis that all the elements of the plaintiffs' case can be established and the information did not prove that the alleged VIOLATOR will be able to establish any of the affirmative defenses set forth in the statute.

5. The copy of this Certificate of Merit served on the Attorney General attaches to it factual information sufficient to establish the basis for this certificate, including the information identified in Health and safety Code section 24249.7(h)(2), *i.e.*, (1) the identity of the person consulted with and relied on by the certifier, and (2) the facts, studies, or other data reviewed by those persons.

Date: December 3, 2013

Daniel Greenbaum, Esq.

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### **CERTIFICATE OF SERVICE**

I am over the age of 18 and not a party to this case. I am a resident of or employed in the county where the mailing occurred. My business address is 1467 South Holt Ave, #2, Los Angeles, CA 90035.

On December 3, 2013 I served copies of the documents Listed immediately hereafter by Priority Mail by placing same in sealed envelopes, fully preparing postage thereon, and depositing said envelopes in the U.S. Mail at Los Angeles, California. Said envelopes were addressed as follows:

#### SEE ATTACHED DISTRIBUTION LIST FOR ATTORNEY GENERAL, COUTY DISTRICT ATTORNEY AND CITY ATTORNEY NAMES (Sent via Priority Mail with applicable postage to those Noticed parties)

Documents Priority Mailed and Name:

- 1. NOTICE OF VIOLATION OF THE SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 (California Health and Safety Code §25249.5 et seq.)
- 2. The "Summary" OF THE SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986
- 3. Model Numbers of Equipment Alleged to be in Violation.
- 4. CERTIFICATE OF MERIT (attachments only sent to California Attorney General's Office)

Cummins Inc. Mr. Norman T. Linebarger, CEO PO Box 3005 Columbus, IN, USA 47202-3005

Caterpillar Inc. Mr. Douglas R. Oberhelman, CEO 100 NE Adams Street Peoria, IL, USA 61629-0002.

Deere & Company Mr. Samuel R. Allen, CEO 1 John Deere Place Moline, IL, USA 61265-8010

Detroit Diesel Corp. Dr. Eckhard Cordes, Chairman 13400 W Outer Drive Detroit, MI, USA 48239-1309 Cummins Inc. CSC-Lawyers Incorporating Service 2710 Gateway Oaks Dr., Ste 150N Sacramento, Ca 95833

CT Corporation System Caterpillar Inc. 818 W. Seventh St Los Angeles, CA 90017

CT Corporation System Deere & Company. 818 W. Seventh St Los Angeles, CA 90017

CT Corporation System Detroit Diesel Corp.. 818 W. Seventh St Los Angeles, CA 90017 DEUTZ Corporation Mr. Stephen J. Corley, CEO 3883 Steve Reynolds Blvd. Norcross, GA 30093

Volvo Construction Equipment North America, Inc Mr. Patrick Olney, Pres. One Volvo Way Asheville, NC 28803

Isuzu Motors America, LLC Mr. Susumu Hosoi, Pres. 1400 S. Douglas Rd, Ste. 100 Anaheim, CA 92806

Case New Holland Inc. Mr. Paolo Monoferino, Pres. 621 State Street Racine, WI 53402

NAVISTAR, INC Mr. Troy Clarke, Pres. 2701 Navistar Dr. Lisle, Il 60532

Kubota Tractor Corporation Mr. Yauo Masumoto, Pres. 3401 Del Amo Blvd Torrance, CA 90503

Komatsu Equipment Company Mr. John Pfisterer 1486 S. Distribution Dri Salt Lake, UT 84104

Mitsubishi Engine NA, Inc. Mr. Dan Booth, Chairman 1250 Greenbriar Drive, Suite E Addison, IL 60101 USA

DAIHATSU MOTOR CO., LTD., CEO: Yukitoshi Funo c/o TOYOTA MOTOR NORTH AMERICA, INC. 19001 SOUTH WESTERN AVENUE TORRANCE CA 90501

DAIMLER AG NORTH AMERICA CORPORATION CEO: Dieter Zetsche 36455 CORPORATE DRIVE FARMINGTON HILLS MI 48331

DAIMLER AG NORTH AMERICA CORPORATION CEO: Dieter Zetsche One Mercedes Drive Montvale, NJ 07645

DEUTZ Corporation CT Corporation System 818 W. Seventh St. Los Angeles, CA 90017

CT Corporation System Volvo Construction Equipment NA Inc. 818 W. Seventh St. Los Angeles, CA 90017

CT Corporation System Isuzu Motors America, LLC 818 W. Seventh St. Los Angeles, CA 90017

CT Corporation System Case New Holland Inc. 818 W. Seventh St Los Angeles, CA 90017

CT Corporation System NAVISTAR, INC 818 W. Seventh St. Los Angeles, CA 90017

Lawyers Incorporating Service Kubota Tractor Corporation 2710 Gateway OaksDr., Ste 150N Sacramento, CA 95833

CT Corporation System Komatsu Equipment Company 818 W. Seventh St. Los Angeles, CA 90017

CT Corporation System Mitsubishi Engine NA, Inc. 818 W. Seventh St. Los Angeles, CA 90017

> C T CORPORATION SYSTEM DAIHATSU MOTOR CO., LTD., 818 W SEVENTH ST LOS ANGELES CA 90017

C T CORPORATION SYSTEM DAIMLER AG NORTH AMERICA CORPORATION 818 W SEVENTH ST LOS ANGELES CA 90017 HYUNDAI MOTOR COMPANY, CEO: Chung Mong-koo, Kim Chung Ho HYUNDAI MOTOR AMERICA 18335 Mt Langley St, Fountain Valley, CA 92708

NISSAN DIESEL MOTOR CO., LTD., c/o UD TRUCKS NORTH AMERICA, INC. Joachim Rosenberg, Chairman Yusuke Sakaue, President 13391 MCGREGOR BLVD. FORT MYERS FL 33919

NISSAN DIESEL MOTOR CO., LTD., c/o UD TRUCKS NORTH AMERICA, INC. Joachim Rosenberg, Chairman 7900 National Service Road Greensboro, NC 27409

YANMAR DIESEL ENGINE CO., LTD. Theodore Bregar, President Yanmar America Corporation 101 International Parkway Adairsville, GA 30103

NATIONAL REGISTERED AGENTS, INC. HYUNDAI MOTOR COMPANY 818 W SEVENTH ST LOS ANGELES CA 90017

C T CORPORATION SYSTEM UD TRUCKS NORTH AMERICA, INC 818 W SEVENTH ST LOS ANGELES CA 90017

I declare under penalty of perjury under the laws of the state of California that the foregoing is true and correct, and that this declaration was executed on December 3, 2013 at Los Angeles, California.

December 3, 2013

Signed by: