

Purchasing for Pollution Prevention

Mercury Disclosure Requirements and the New Jersey Lamp Contract

For more information on mercury in lamps, see http://www.informinc.org/fact_P3mercury_lamps.php.

New Jersey required vendors to disclose the amount of mercury in the mercury-containing lamps sold on its 2002 and 2003 contracts for incandescent, HID, and fluorescent lamps (contract T-1092).

For the entire text of the 2003 bid document (not including price lines) for contract T-0192, see <http://www.informinc.org/2003contractlang.txt>. For the entire 2003 contract announcement, see <http://www.state.nj.us/treasury/purchase/noa/contracts/t0192.shtml>.

Mercury Disclosure Language Used In New Jersey's 2003 Contract T-0192: Lamps, Incandescent, HID, Fluorescent, Including Low Mercury

New Jersey used the following language in its May 2003 lamp bid document. See the entire bid document at <http://www.informinc.org/2003contractlang.txt>.

Bidders must disclose the amount of mercury, in milligrams, for each mercury-added product bid. Space is provided on the pricing page for mercury content disclosure. Mercury-added products shall be defined as any device to which elemental mercury or mercury compounds are intentionally added.

Contractors may not promote to facility employees the disposal of mercury-containing lamps as non-hazardous waste, even if the lamps are legally designated as non-hazardous waste in this state. Contractors must instead promote the recycling of all mercury-containing lamps.

Contract Announcement Mercury Language for New Jersey's 2003 Contract T-0192: Lamps, Incandescent, HID, Fluorescent, Including Low Mercury

New Jersey used the following language to inform contract users regarding mercury in lamps. The full contract announcement is at <http://www.state.nj.us/treasury/purchase/noa/contracts/t0192.shtml>.

When lamps break or are landfilled or incinerated with solid waste, mercury is released to our air and water, increasing the risk of exposure to humans and wildlife that eat contaminated fish. The US Environmental Protection Agency and Food and Drug Administration have warned children and women of childbearing age in all 50 states not to eat species of fish known to be contaminated with mercury.

"Low mercury" fluorescent tubes, offered by all of the major lighting manufacturers, are rated by manufacturers to last as long as "full dose mercury" lamps.

It is illegal to dispose of most end of life fluorescent and HID lamps in the trash.

All broken mercury containing lamps are hazardous waste, and must be disposed of properly.

Recommendations for lamp requesters:

In accordance with the recommendations of the New Jersey mercury pollution task force, a stakeholder group convened by the Department Of Environmental Protection, the Purchase Bureau urges state agencies and agencies and departments using this contract under cooperative purchasing agreements to:

Purchase "low-mercury" fluorescent tubes, compact fluorescent, and high-pressure sodium lamps.

Continued: Mercury Content Information Available for Lamps on the 2003 New Jersey Contract T-0192

Brand	Type	Length (inches)	Watts	Other Information	Mercury (mg)	Vendor	Line	Commodity Code Number	Unit Price
GE	CFL	7	13	Biax CFL with GX23 base	11-30	Rahway	00023	285-50-052431	\$0.72
GE	HID	3.156	250	T type quartzline halogen with mini-cand base	1-10	Rahway	00052	285-50-052490	\$2.75
GE	Incand	2.62	15	Incandescent lamp with SC bay base	1-10	Rahway	00070	285-50-052392	\$1.71
Sylvania	T8	24	17	Linear fluorescent with med bi-pin base	7-10	Regency	00007	285-50-052411	\$1.43
Sylvania	T8	48	32	Linear fluorescent with med bi-pin base	7-10	Regency	00033	285-50-052443	\$1.42
Sylvania	T8	48	32	Linear fluorescent with med bi-pin base	7-10	Regency	00034	285-50-052444	\$1.42
Sylvania	T8	22.5	31	U-bent fluorescent with med bi-pin base	6-9	Regency	00036	285-50-052446	\$5.19
Sylvania	T8	22.5	31	U-bent fluorescent with med bi-pin base	6-9	Regency	00037	285-50-052447	\$5.19
Philips	CFL	7	13	Compact fluorescent black light	5.5	TAB	00005	285-50-052409	\$0.841
Philips	T8	18	15	Linear fluorescent	1.4	TAB	00006	285-50-052410	\$0.696
Philips	T12	36	30	Linear fluorescent with med bi-pin base	3.5	TAB	00009	285-50-052413	\$0.883
Philips	T12	48	34	Linear fluorescent with med bi-pin base	4.4	TAB	00011	285-50-052415	\$0.55
Philips	CFL	n/a	7	Compact fluorescent	5.5	TAB	00013	285-50-052417	\$0.789
Philips	T12	96	60	Linear fluorescent with med bi-pin base	6.8	TAB	00014	285-50-052418	\$1.174
Philips	T12	22.5	34	U-bent fluorescent	4.4	TAB	00016	285-50-052420	\$1.89
Philips	T12	22.5	40	U-bent fluorescent	4.4	TAB	00017	285-50-052421	\$1.984
Philips	T12	22.5	34	U-bent fluorescent	4.4	TAB	00018	285-50-052422	\$1.984
Philips	CFL	n/a	7	Short fluorescent	5.5	TAB	00024	285-50-052432	\$0.789
Philips	CFL	n/a	9	Short fluorescent	5.5	TAB	00025	285-50-052433	\$0.789
Philips	T8	36	25	Linear fluorescent with med bi-pin base	3.5	TAB	00030	285-50-052440	\$1.766
Philips	T8	48	32	Linear fluorescent with med bi-pin base	3.5	TAB	00031	285-50-052441	\$1.09
Philips	T8	48	32	Linear fluorescent with med bi-pin base	3.5	TAB	00032	285-50-052442	\$1.09
Philips	T8	48	32	Linear fluorescent with med bi-pin base	4.4	TAB	00035	285-50-052445	\$0.55
Philips	T12	36	30	Linear fluorescent with med bi-pin base	3.5	TAB	00046	285-50-045422	\$0.883
Philips	T12	22.5	34	U-bent fluorescent with med bi-pin base	4.4	TAB	00048	285-50-045350	\$1.89
Philips	T12	22.5	40	U-bent fluorescent with med bi-pin base	4.4	TAB	00049	285-50-045351	\$1.984
Philips	HID	8 5/16	250	Metal halide with mog. base	34	TAB	00056	285-50-045355	\$7.605
Philips	HID	11.5	400	Metal halide with mog. base	49.5	TAB	00057	285-50-045355	\$7.221
Philips	HID	15 3/8	1000	Metal halide with mog. base	154	TAB	00058	285-50-045355	\$17.44
Philips	HID	5 7/16	70	Low-pressure sodium, medium base	15.7	TAB	00062	285-50-052406	\$7.221
Philips	HID	15 3/8	1000	Metal halide with mog. base	154	TAB	00072	285-50-052454	\$17.35
Philips	HID	8 5/16	175	Metal halide with mog. base	25.75	TAB	00079	285-50-052426	\$6.732
Philips	HID	8 5/16	250	Metal halide with mog. base	34	TAB	00080	285-50-052427	\$7.605
Philips	HID	44 1/8	180	Low-pressure sodium with DC bay base		TAB	00063	285-50-045357	\$20.00

For more information on mercury in fluorescent lamps, see http://www.informinc.org/fact_P3mercury_lamps.php or contact Sarah O'Brien at 802-479-0317 or obrien@informinc.org

Continued: Mercury Content Information Available for Lamps on the 2003 New Jersey Contract T-0192

Brand	Type	Length (inches)	Watts	Other Information	Mercury (mg)	Vendor	Line	Commodity Code Number	Unit Price
Philips	CFL	22 _	38	Long fluorescent with 4-pin base	4.4	Warshauer	00022	285-50-052450	\$3.73
Philips	T5	22.6	40	Fluorescent	1.4	Warshauer	00041	285-50-052450	\$3.73

* Compact fluorescent

† Descriptions incompatible with item numbers

Mercury Content Information Available for Lamps on the 2002 New Jersey Contract T-0192

Brand	Type	Length (inches)	Watts	Other Information	Mercury (mg)	Vendor	Line	Commodity Code Number	Unit Price
Philips	T8	48	32	PG 27 med bi-pin low-mercury	3.5	Billows	00002	285-50-045134	\$1.07
GE	T12	60	50	P/L 9001	31-60*	Graybar	00010	285-50-045140	\$0.25
GE	T12	22.5	34	Med bi-pin 6 leg U-bent low-mercury	31-60*	Graybar	00014	285-50-045350	\$0.88
GE	T12	22.5	40	Med bi-pin 6 leg U-bent low-mercury	60	Graybar	00015	285-50-045351	\$0.88
Sylvania	T8	24	17	Straight med bi-pin 6" leg	10	Griffith	00004	285-50-045366	\$1.47
Sylvania	T8	22.5	32	U-bent med bi-pin	10	Griffith	00008	285-50-045136	\$3.51
Sylvania	T4	6	18	Dimming tube lamp compact quad	10	Griffith	00018	285-50-045669	\$3.20
Sylvania	T8	36	25	Straight med bi-pin	5.1-9.8	Jewel	00003	285-50-045365	\$1.50
Sylvania	T8	10.5	16	1 5/8 U-bent med bi-pin	5.1-9.8	Jewel	00005	285-50-045135	\$5.25
Sylvania	T8	16.5	24	1 5/8 U-bent med bi-pin	5.1-9.8	Jewel	00006	285-50-045368	\$6.48
Sylvania	T8	22.5	31	1 5/8 U-bent med bi-pin	25	Jewel	00007	285-50-045369	\$4.90
None	T12	48	40	Low-mercury straight med bi-pin	<10	Rexel	00011	285-50-045421	\$0.56
Philips	T12	36	30	Low-mercury straight	3.5	Tab	00012	285-50-045422	\$0.884
Philips	T8	60	40	Low-mercury straight med bi-pin	3.5	Turtle	00001	285-50-045364	\$1.75
GE	T12	24	35	Low-mercury straight	<10	Grainger	00013	285-50-045423	\$0.80
Philips	T5	22.6	40	High-lumen twin		Warshauer	00019	285-50-045670	\$3.80

* Although the New Jersey Notice of Award states that these lamps contain 0.31 to 0.60 mg mercury, Patrick McHugh of Graybar Electric (the vendor) told INFORM on February 13, 2003, that these lamps actually contain 31 to 60 mg of mercury.

† For some styles, the mercury content may average as little as 5.1 mg plus or minus 30 percent, the equivalent of 3.6 mg to 6.6 mg. For other styles, the mercury may average as much as 7.5 plus or minus 30 percent, the equivalent of 5.3 to 9.8 mg. Personal communication, Robert Kilroy, Jewel Electric Supply Company, February 20, 2003.

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