

LIST OF ABBREVIATIONS

13-HODE	13-hydroxyoctadecadienoic acid
15-min TWA	15-minute time-weighted average
ACGIH	American Conference Of Government Industrial Hygienists
ACTH	Adrenocorticotrophic hormone
aMT6s	6-sulfatoxymelatonin
ARNTL	Aryl hydrocarbon receptor nuclear translocator-like
BCG	Bacillus Calmette-Guérin
BEI	Biological Exposure Index
bHLH	Basic-helix-loop-helix
BMAL1	Brain and muscle Arnt-like protein-1
cAMP	Cyclic adenosine monophosphate
CEI	Cumulative exposure index
CH ₂ =CHCHO	Acrolein
CH ₄	Methane
CI	Confidence interval
CO	Carbon monoxide
CO ₂	Carbon dioxide
CRF	Corticotropin-releasing factor
CRH	Corticotropin-releasing hormone
CRY1	Cryptochrome 1
CRY2	Cryptochrome 2
CSNK1E	Casein kinase I epsilon
CYP	Cytochrome P450
DEGME	2-(2-Methoxyethoxy)ethanol
DEGEE	2-(2-Ethoxyethoxy)ethanol
DEGBE	2-(2-Butoxyethoxy)ethanol
PGME	1-Methoxy-2-propanol
PGBE	1-Butoxy-2-propanol
DPGME	1-(2-Methoxy-1-methylethoxy)-2-propanol
DHEA	Dehydroepiandrosterone
DHEA-S	Dehydroepiandrosterone sulfate
DMBA	9,10-Dimethyl-1,2-benzanthracene
E2	Estradiol

EBCLIS	Electromagnetic Fields and Breast Cancer on Long Island Study
EC	European Community
EGEEA	Ethylene glycol monoethyl ether acetate
ELISA	Enzyme-linked immunosorbant assay
EPA	The Federal Environmental Protection Agency
ER/PgR	Estrogen receptor/progesterone receptor
ERK1/2	Extracellular signal-related kinase
Era	Estrogen receptor α
EU	European Union
FEV1	Forced Expiratory Volume in 1 Second
FSH	Follicle-stimulating hormone
FVC	Force Vital Capacity
GC-MS	Gas chromatography-mass spectrometry
GH	Growth hormone
GnRH	Gonadotropin-releasing hormone
GSD	Geometric standard deviation
GSH	Glutathione
GST	Glutathione-S-transferase
HAZMAT	Hazardous materials
HCDBD	Heptachlorodibenzodioxin
hCG	Human chorionic gonadotropin
HCl	Hydrochloric acid
HCN	Hydrogen cyanide
HDI	1,6-Hexamethylene diisocyanate
Hth-Pit-Adr	Hypothalamic-pituitary-adrenal
Hth-Pit-Gnd	Hypothalamus-pituitary-gonadal
Hth-Pit-Ova	Hypothalamic-pituitary-ovarian
Hth-Pit-Thy	Hypothalamic-pituitary-thyroid
HVLP	High-volume low-pressure
IAFF	International Association of Fire Fighters
IDR	Incidence density ratio
IL-10	Interleukin-10
ILO	International labour organization
IMO	International Maritime Organization
IOELV	Indicative Occupational Exposure Limit Values
ISIC	International Standard Industrial Classification
JEM	Job exposure matrix
LC-MS/MS	Liquid chromatography tandem mass spectrometry
LD12:12	12 Hours of light and 12 hours of darkness
LH	Luteinizing hormone
MDCSS	Metropolitan Detroit Cancer Surveillance System
MEK	Extracellular signal-regulated kinase kinase

MESOR	Circadian-rhythm-corrected mean value
MM1	Melanotic Melanoma No. 1
MOR	Mortality odds ratio
ns	Not significant
NAFTA	North American Free Trade Agreement
NCI	National Cancer Institute
NCO	Free isocyanate groups
ND	Not detected
NPAS2	Neuronal PAS domain protein 2
NFPA	National Fire Protection Association
NG	Not given
NHS	Nurses' Health Study cohorts
NJ	New Jersey;
NK	Natural killer
NO _x	Nitrogen oxides
NR	Not reported
NZCR	New Zealand Cancer Registry
OCISS	Occupational Cancer Incidence Surveillance System
RAEB	Refractory anaemia with excess blasts
OEL	Occupational exposure limit
OEM	Original equipment manufacturer
p.o.	Per oral
PAH	Polycyclic aromatic hydrocarbon
PAS	PER-ARNT-single-minded protein
PCB	Polychlorinated-biphenyls
PCBs	Polychlorinated biphenyls
PCBz	Polychlorobenzenes
PCDDs	Polychlorinated-dibenzodioxins
PCDF	Polychlorinated-dibenzofurans
PCMR	Proportionate cancer mortality ratios
PEI	Protective Effectiveness Index
PEL	Permissible Exposure Limit
Per1	Period 1
Per2	Period 2
Per3	Period 3
PMR	Proportional mortality ratio
PRR	Proportionate risk ratio
PUR	Polyurethane
PVC	Polyvinyl chloride
REM	Rapid eye movement
Ret-Hth-Pin	Retinal-hypothalamic-pineal
RIA	Radioimmunoassay
RR	Rate ratio or relative risk

SCE	Sister chromatid exchanges
SCN	Suprachiasmatic nuclei
SCOEL	Scientific Committee on Occupational Exposure Limits
SD	Standard deviation
SE	Standard Error
SEER	Surveillance, Epidemiology and End Results
SEM	Standard error of the mean
SES	Socioeconomic status
SIR	Standardized incidence ratio
SMOR	Standardized morbidity odds ratios
SMR	Standardized mortality ratio
SO ₂	Sulfur dioxide
SOP	Standard operating procedures
SPMRs	Standardized proportional mortality ratios
STEL	Short-term exposure limit
SVOC	Semivolatile organic compound
TCDD	2,3,7,8-tetrachlorodibenzodioxin
TEQ	2,3,7,8-tetrachlorodibenzodioxin equivalent
Th1	Type 1 T-helper1
Th2	Type 2 T-helper2
TLV	Threshold limit value
TSH	Thyroid stimulating hormone
TWA	Time-weighted average
UV	Ultraviolet
VOC	Volatile organic compound