

LIST OF ABBREVIATIONS

(* in Tables only)

A4*	not classifiable as a human carcinogen
AM	arithmetic mean
ASTM	American Society for Testing and Materials
ATP	adenosine triphosphate
BAL	bronchoalveolar lavage
BaP*	benzo[<i>a</i>]pyrene
bw	body weight
2B*	possible carcinogenic to humans
3B*	substance for which in-vitro tests or animal studies have yielded evidence of carcinogenic effects that is not sufficient for classification
Ca*	carcinogen
CI	confidence interval
CIP*	capteur individuel de poussière [personal dust sampler]
CKSC	cystic keratinizing squamous-cell
CMD	count median diameter
CYP	cytochrome P450
DBPA*	dibutyl phthalate absorption
FEF	forced expiratory flow
FEV ₁	forced expiratory volume in 1 sec
FF*	fast-extruding furnace
FVC	forced vital capacity
GM	geometric mean
GM-CSF	granulocyte macrophage colony-stimulating factor
GPF*	general-purpose furnace
GSD	geometric standard deviation
GSH	glutathione
GST	glutathione <i>S</i> -transferase
HAF	high-abrasion furnace black
HLA	human leukocyte antigen
HPLC	high-performance liquid chromatography
<i>Hprt</i>	hypoxanthine(guanine)phosphoribosyl transferase

I*	inhalable dust
ICRP	International Commission in Radiological Protection
IFN	interferon
Ig	immunoglobulin
IL	interleukin
ILO	International Labour Organization
IOM	Institute of Occupational Medicine
K*	included in the list of substances considered carcinogenic
MAK*	maximum concentration in the workplace
MAPK	mitogen-activated protein kinase
MCP	monocyte chemotactic protein
MIP	microphage inflammatory protein
MMAD	mass median aerodynamic diameter
mppcf	million particles per cubic foot
MT*	medium thermal
MUC	mucin
NA*	not available
NF	nuclear factor
N _F *	number of factories
NR*	not reported
N _S *	number of samples
NSA*	nitrogen surface area
OEL*	observed effect level
8-oxo-DG	8-oxo-7,8-2'-deoxyguanosine
PAH	polycyclic aromatic hydrocarbon
PEL*	permissible exposure limit
PM	particulate matter
pop.*	population
R*	respirable dust
REL*	recommended exposure limit
S9	metabolically activated fraction
SAF*	superabrasion furnace
SD*	standard deviation
SES*	socioeconomic status
SIR	standardized incidence ratio
SMPS	scanning mobility particle sizer
SMR	standardized mortality ratio
SRF	semi-reinforcing furnace black
STEL*	short-term exposure limit
STSA*	statistical thickness surface area
T*	total dust
T/P	coal-tar pitch

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TI*	total inhalable
TLV*	threshold limit value
TME*	trimethylol ethane
TMP*	trimethylol propane
TNF	tumour necrosis factor
TWA	time-weighted average
UV	ultraviolet
VEGF	vascular endothelial growth factor
WL	working level