

µg	Microgram; one, one hundred thousandth of a gram (1 g x 10 ⁻⁶)
µg/m ³	Micrograms per cubic metre
°C	Degree's celcius, a unit of temperature
AAPA	Aboriginal Area Protection Authority
ABWMAC	Australian Ballast Water Management Advisory Committee
AC	Alternating current
Acceptable public health risk	The risk associated with exposure to genotoxic carcinogens has been calculated and compared to a notional 'acceptable' public health carcinogenic risk level of 1 in a million (1x10 ⁻⁶)
Acute exposure	Risk assessment of an acute exposure is regarded as one which is less than 14 days
Acute health based guidelines	Legislative guideline applied to events (usually emissions) that result in a single brief exposure to a potentially harmful substance
Acute HI	Acute hazard indices
Additive risk	The cumulative risk primarily to lifeforms associated with a number of (sub acute) exposures to a substance or technology over a period of time
AEP	Annual Exceedence Probability
AGAL	Australian Government Analytical Laboratories
AGO	Australian Greenhouse Office
Alkaline	Substance with a pH of between 7.1 and 14 on a logarithmic scale ranging from 1-14, substances less than pH 6.9 are 'acidic'
AMIRA	Australian Mineral Industries Research Association
Anthropogenic	Human
ANZECC	Australia and New Zealand Conservation Council
API	American Petroleum Institute
AQIS	Australian Quarantine and Inspection Service
ARCHIE	Automated Resource for Chemical Hazard Incident Evaluation
As	Arsenic
As (III)	Arsenic oxidation state 3
As (V)	Arsenic oxidation state 5
atm	Atmosphere
ATSIC	Aboriginal and Torres Strait Islander Commission
AUSLIG	Geoscience Australia – Commonwealth Government Geographic and Cartographic Information Service (formerly Australian Survey Land and Information Group), Department of Industry, Tourism and Resources
Bayer process	Chemical process by which alumina is extracted from bauxite
BCA	Building Code of Australia
Benthic Organism	Organism whose primary lifecycle is spent at the bottom of a water body.
Benzene	Aromatic hydrocarbon found in coal tar and oils; it is a carcinogen
Bigeographic Zone	A specific geographic zone with a repeating or similar patterning of biotic (flora, fauna) and abiotic (soils, terrain, geography, climate, rainfall) factors.
Biogeography	The geographical study of the distribution of organisms.

Biological productivity	Amount of energy (material) produced by a community/ecosystem in a specific period.
BPIP	Building Profile Input Program; Input component of the CALPUF program that takes in account the effect of buildings on the downwash and dispersion of emission plumes near ground level
BTEX	Analytical test for the aromatic hydrocarbon compounds: benzene, toluene, ethyl benzene and xylene
BW	Ballast water
C'wlth/Comm	Commonwealth (Government)
Cd	Cadmium
CALMET	Computer based predictive meteorological model that includes a wind field generator
CALPUF	Air quality computer dispersion model
Carcinogen	Substance that causes cancer; often it does not cause cancer directly but it can invoke a series of reactions, the products of which cause aberrant cell behaviour.
CASA	Civil Aviation Safety Authority
Caustic soda	Sodium hydroxide
HAZOP	Control, Hazard and Operability Plan
Chronic exposure	Chronic exposure is regarded as being equal to or greater than 365 days
Chronic HI	Chronic hazard indices
CO ₂	Carbon dioxide
CO ₂ e	Equivalent carbon dioxide
COP3	Third Conference of the Parties to the UNFCCC (See UNFCCC)
Cr (III)	Chromium oxidation state 3
Cr (VI)	Chromium oxidation state 6
CSIRO	Commonwealth Scientific and Industrial Research Organisation
dB(A)	Decibel, A – weighted (corrected for human hearing) sound pressure level.
DBIRD	Department of Business, Industry and Regional Development (NT Government)
Declared weed	Plant listed under class A, B or C of the Weeds Management Act
DEET	Diethyl toluamide
DEET	Department of Employment Education and Training (Commonwealth Department of)
DEH	Department of Environment and Heritage; <i>formerly</i> Environment Australia (C'wlth Government)
Dhimurru	Dhimurru Land Management Aboriginal Corporation
Dioxin	A non-genotoxic carcinogen sometimes formed by the incineration of chlorinated organic compounds
DIPE	Department of Infrastructure, Planning, and the Environment
Dissolved phase hydrocarbon	Hydrocarbon that has dissolved into groundwater
DNA	Deoxyribonucleic acid; the principal building block of genetic inheritance for all biological organisms.
EA	Environment Australia

EC	Electrical conductivity; measured as mS/cm
EFA	Ecosystem functional analysis
EHS	Environment, Health and Safety
EIS	Environmental Impact Statement
EMP	Environmental Management Plan
EPIRB	Emergency Position Indicating Radio Beacon
E _v	Vertical illuminances
Ferruginous	Relating to material containing elemental iron
FIFO	Fly-in, fly-out
FMCT	Fault Mode Control Table
Free phase hydrocarbon	Hydrocarbons floating on top of groundwater; viz not dissolved
Furan	A non-genotoxic carcinogen belonging to a group of organic compounds that also occur naturally in plant materials
g/L	Grams per litre
g/s	Grams per second
GAM	Gove Accommodation Management
Genotoxic carcinogens	An agent that causes mutations in genetic material (DNA) that results in abnormal function resulting in development of cancer
Genotoxicity	A substance that has a toxic effect on the genetic material of an organism
GOVE PLAN	Port of Gove emergency response plan
Grab sample	Random surface water sample taken by filling the sample container over a short period
GSC	Gas suspension calciner
GSD	Gas suspension dryer
GSP	Gross State Product
GWh	Giga Watts per hour; 10 ⁹ W per hour
H ₂ S	Hydrogen sulphide
H ₂ SO ₄	Sulfuric acid
ha	Hectare equivalent to 10,000m ²
HAZOP	Hazard and Operability Plan
H Cl	Hydrogen chloride
HF	Hydrogen fluoride
HI	Hazard indices
hPa	Hectapascals
HTD	High temperature digestion
Hydrate	Aluminium hydroxide
IATA	International Air Transport Association
ICAO	International Civil Aviation Organisation
Invertebrate	Organism without a spine composed of bone or cartilage

IPA	Indigenous protection area declared by the Aboriginal people to hold cultural significance
Irritancy thresholds	The threshold above which a substance causes irritations to skin and organs
IUCN	International Union for the Conservation of Nature
J	Joule; unit of energy
kg	Kilogram; unit of mass
kg/ha	Kilogram per hectare
kL	Kilo Litres; 10^3 L
km	Kilometre
km/h	Kilometres per hour
kPa	Kilopascal, 10^3 pascals; unit of pressure
kW	Kilowatt, 10^3 watts; a unit of energy
kW/m ²	Kilowatt per square metre
L/p/d	Litres per person per day
L/s	Litres per second
L _{A10}	The A – weighted sound pressure (noise) level exceeded 10 % of the time
L _{A10(18 hour)}	he A – weighted sound pressure (noise) level exceeded 10 % of the time over an 18 hour period
L _{A90}	The A – weighted sound pressure (noise) level exceeded 90 % of the time
L _{Aeq}	The equivalent continuous sound pressure (noise) level
L _{Amax}	The maximum A – weighted sound pressure (noise) level
Land unit	A recognisable, repeating terrain type in the biophysical landscape that has been identified with reference to existing geological, topographical and land system information, soil sampling and field investigations
Laterite	Earth, granular or concretionary mass, chiefly composed of iron and aluminium sesquioxides, occurring as a layer or scattered nodules in tropical soils.
LNG	Liquified natural gas
LOAEC	Low Observed Effect Adverse Concentration
LOAEL	Low Observed Effect Adverse Level
LTD	Low temperature digestion
lux	Measurement unit of light intensity
m	Metre; measurement of distance
M	Million
m/d	Metres per day
Mm ³	Million cubic metres
m/s	Metres per second
m ³	Cubic metres; measurement of volume
m ³ /h	Cubic metres per hour
MBAS	A surfactant – substance that causes a liquid to spread more easily on a solid surface by reducing surface tension (viz. a detergent)

MBHD	Melville Bay Height Datum
Mdt/y	Million dry tonnes per year
MEB	Medical Entomology Branch
mg/L	Milligrams per litre
Microns/ micrometres (µm)	One, one hundred thousandth of a metre (10 ⁻⁶ m); unit of length
Mj/m ²	Megajoules per metre squared
ML	Mega (million) Litres
ML/d	Mega (million) Litres per day
ML/y	Mega (million) Litres per year
mm	Millimetre; one thousandth of a metre (10 ⁻³ m); unit of length
MOL	Milk of lime
mS/cm	Millisiemens per centimetre; measure of electrical conductivity within soil or water, indicative of salinity
Mt	Million tonnes
Mt/y	Million tonnes per year
MW	Mega (Million) watts
NCRG	Nhulunbuy Community Reference Group
NEPC	National Environmental Protection Council
NEPM	National Environmental Protection Measure
Neurotoxin	A substance that affects the nerve pathways of an organism
NGS	National Greenhouse Strategy
Ni	Nickel
NIMPCG	National Introduced Marine Pests Coordinating Group
NLC	Northern Land Council
NO ₂	Nitrogen dioxide
NOAEC	No Observed Effect Adverse Concentration
NOAEL	No Observed Effect Adverse Level
NOEL	No Observed Effect Level
NOI	Notice of Intent
NO _x	Oxides of nitrogen
NPI	National Pollutant Inventory
NT	Northern Territory
NTETA	Northern Territory Education and Training Authority
O ₂	Oxygen
OEH	Office of Environment and Heritage (NT Government)
OEL	Occupational Exposure Limit (OEL) for expressed as an 8 hr TWA
OHS	Occupational Health and Safety
PAH	Polyaromatic hydrocarbons; a group of compounds which are carcinogenic

PAM	Pre-assembly modules
PCB	Polychlorinated biphenyls; a group of closely related chlorinated hydrocarbon compounds
pH	A measure of the acidity (<7) or alkalinity (>7) of a (water) sample
PJ/y	Peta joules per year; unit of heat capacity (1×10^{15} J)
PM ₁₀	Small dust particles with a diameter of less than 10 microns (μm)
Polyarthritic disease	Disease that manifests as a result of exposure to Barmah Forest Virus and Ross River Virus, Japanese Encephalitis, Murray Valley Encephalitis and Kunjin; common symptoms include joint soreness and inflammation, muscle aches, headaches and lethargy,
ppm	Parts per million
psi	Pounds per square inch
RCRG	Regional Community Reference Group
RDA	Residue disposal area
Reproductive toxin	A substance that affects the ability to conceive or produce normally functioning progeny
s	Second
SEL	Strong Evaporated Liquor
SLA	Statistical local area
SLC	Solid/Liquid Calciner
SML	Special Minerals Lease
SNL	Supernatant liquor
SO ₂	Sulfur dioxide
SPL	Special Purpose Lease
SPMT	Self-propelled modular transporter
Spolic Anthroposols	Human made soils; 'fill' or 'spoil'
t	Tonnes; metric unit of mass (weight) equivalent to 1,000 kg (1×10^3 kg)
t/d	Tonnes per day
t/h	Tonnes per hour
t/ha/y	Tonnes per hectare per year
t/m ³	Tonnes per cubic metre
t/y	Tonnes per year
TBT	Tributyltin; toxic compound used for marine industry application as a ships' hull antifouling paint
TDS	Total dissolve solids
Threatened species	Species identified by NT or C'wlth legislation as being of conservation significance
TMI	Tolerable monthly intake
TOC	Total organic carbon
Toxicological effect	The specific effect that a substance has on biota (see carcinogen, genotoxicity, reproductive toxin, neurotoxin)
Toxicology	The study of the effect of a substance on biota

TPH	Total Petroleum Hydrocarbons; analytical test for all aromatic hydrocarbons present in a sample
UHF	Ultra High Frequency
UNFCCC	United Nations Framework Convention on Climate Change
URT	Upper Respiratory Tract
Vadose zone	Soil zone above the groundwater table
Vertebrate	Organism with a bony or cartilaginous spine.
W	Watt; unit of energy
W/m ²	Watts per square metre
WDL	Waste Discharge Licence
WHO	World Health Organisation
Worst case (scenario)	Worst possible outcome of an event such as risk to life from a technology or cataclismic event (eg. explosion) or technology malfunction
y	Year
YBE	Yirrkalā Business Enterprises Pty Limited
YNOTS	The YBE and Nabalco Operator Training School; joint venture between Alcan Gove (formerly Nabalco), YBE and the Commonwealth Government