

■ Abbreviations



This page is intentionally blank

# Abbreviations

<b>\$ B</b>	Billions of dollars (Australian dollars unless otherwise stated)
<b>\$ M</b>	Millions of dollars (Australian dollars unless otherwise stated)
<b>%</b>	Percent
<b>(C)</b>	City
<b>(S)</b>	Shire
<b>&lt;</b>	Less than
<b>&gt;</b>	Greater than
<b>°C</b>	Degrees Celsius
<b>µg/l</b>	Micro grams per litre
<b>µS/cm</b>	Micro siemens per centimetre
<b>AADT</b>	Average Annual Daily Traffic
<b>ABN</b>	Australian Business Number
<b>ACHA</b>	<i>Aboriginal Cultural Heritage Act 2003</i> (Qld)
<b>AHD</b>	Australian Height Datum
<b>am</b>	ante meridiem (before noon)
<b>AMC</b>	Australian Magnesium Corporation
<b>ANZECC</b>	Australian and New Zealand Environment and Conservation Council
<b>ARI</b>	Average Recurrence Interval
<b>AS</b>	Australian Standard
<b>ASS</b>	Acid Sulphate Soil
<b>BOM</b>	Bureau of Meteorology
<b>CA</b>	Cement Australia
<b>Ca</b>	Calcium
<b>CaCO<sub>3</sub></b>	Calcium Carbonate
<b>CAMBA</b>	China Australia Migratory Bird Agreement
<b>CHMP</b>	Cultural Heritage Management Plan
<b>Cl</b>	Chlorine
<b>CLR</b>	Contaminated Land Register
<b>CO<sub>3</sub></b>	Carbonate
<b>CoG</b>	Coordinator General
<b>CQPA</b>	Central Queensland Port Authority
<b>CQSS</b>	Central Queensland Strategy for Sustainability – 2004 and Beyond
<b>Cth</b>	Commonwealth
<b>dB(A)</b>	A-weighted decibel
<b>DCP</b>	Transitional Fitzroy Shire Council Stanwell-Gracemere Corridor Development Control Plan No. 3 May 2002
<b>DEH</b>	Department of the Environment and Heritage (Cth)
<b>DHLGP</b>	Department of Housing, Local Government and Planning (Qld)
<b>DLGPSR</b>	Department of Local government, Planning, Sport and Recreation (Qld)

# Abbreviations

<b>DMR</b>	Department of Main Roads (Qld)
<b>DNRM</b>	Department of Natural Resources and Mines (Qld)
<b>DO</b>	Dissolved Oxygen
<b>DOS</b>	Degree of Saturation
<b>DPI</b>	Department of Primary Industries (Qld)
<b>DPI&amp;F</b>	Department of Primary Industries and Fisheries (Qld)
<b>DSA</b>	Design Storage Allowance
<b>DSDI</b>	Department of State Development and Innovation (Qld)
<b>e.g.</b>	for example
<b>EA</b>	Environmental Authority
<b>EC</b>	Electrical Conductivity
<b>ECEC</b>	Effective Cation Exchange Capacity
<b>EIA</b>	Environmental Impact Assessment
<b>EIS</b>	Environmental Impact Statement
<b>EMP</b>	Environmental Management Plan
<b>EMR</b>	Environmental Management Register
<b>EP Act</b>	<i>Environmental Protection Act 1994</i> (Qld).
<b>EPA</b>	Environmental Protection Agency (Qld)
<b>EPBC</b>	Environment Protection and Biodiversity Conservation
<b>EPBC Act</b>	<i>Environment Protection and Biodiversity Conservation Act 1999</i> (Cth)
<b><i>EPP (Air)</i></b>	<i>Environmental Protection (Air) Policy 1997</i> (Qld)
<b><i>EPP (Noise)</i></b>	<i>Environmental Protection (Noise) Policy 1997</i> (Qld)
<b><i>EPP (Waste)</i></b>	<i>Environmental Protection (Waste Management) Policy 2000</i> (Qld)
<b><i>EPP (Water)</i></b>	<i>Environmental Protection (Water) Policy 1997</i> (Qld)
<b>ERA</b>	Environmentally Relevant Activity
<b>ERP</b>	Emergency Response Plan
<b>ESA</b>	Equivalent Standard Axle
<b>ESP</b>	Exchangeable Sodium Potential
<b><i>et. al.</i></b>	and others
<b>FBA</b>	Fitzroy Basin Association
<b>FBWRP</b>	Fitzroy Basin Water Resource Plan
<b>FHA</b>	Fish Habitat Area
<b>g/MJ</b>	Grams per mega joule
<b>GBRMP</b>	Great Barrier Reef Marine Park
<b>GBRMPA</b>	Great Barrier Reef Marine Park Authority
<b>GHG</b>	Greenhouse gas
<b>GJ</b>	Giga Joule
<b>GJ/kL</b>	Giga Joules per kilolitre
<b>GL/year</b>	Giga Litres per year
<b>GPS</b>	Global Positioning System

# Abbreviations

<b>GWh</b>	Giga Watt hours
<b>H<sub>2</sub>SO<sub>4</sub></b>	Sulphuric acid
<b>ha</b>	Hectare
<b>HAT</b>	Highest Astronomical Tide
<b>HCO<sub>3</sub></b>	Hydrogen Carbonate
<b>HERBRECS</b>	Queensland Herbarium Database
<b>HPZ</b>	Habitat Protection Zone
<b>hr</b>	hour
<b>hrs</b>	hours
<b>HRSG</b>	Heat Recovery Steam Generator
<b>Hz</b>	Hertz, a measure of frequency
<b>i.e.</b>	that is
<b>IAS</b>	Initial Advice Statement
<b>IDAS</b>	Integrated Development Assessment System
<b>IEDPS</b>	Indigenous Economic Development and Participation Strategy
<b>IP Act</b>	<i>Integrated Planning Act 1997</i> (Qld)
<b>JAMBA</b>	Japan Australia Migratory Bird Agreement
<b>kg</b>	kilogram
<b>kg CO<sub>2</sub>e/kWh</b>	kilograms of Carbon dioxide equivalent per kilo watt hour
<b>kg CO<sub>2</sub>e/t/km</b>	kilograms of Carbon dioxide equivalent per tonne per kilometre
<b>kg/ha</b>	kilograms per hectare
<b>km</b>	kilometre
<b>km/h</b>	kilometres per hour
<b>km<sup>2</sup></b>	square kilometres
<b>Kt</b>	kilo tonnes
<b>kV</b>	kilo Volts
<b>L</b>	Litre
<b>L/s</b>	Litres per second
<b>L/t</b>	Litres per tonne
<b>L<sub>A10</sub></b>	The sound pressure level that is exceeded for 10% of the time for which the given sound is measured. The top 90% of the sample is the L10 noise level expressed in units of dB(A).
<b>L<sub>A90</sub></b>	The level of noise exceeded for 90% of the time. The bottom 10% of the sample is the L90 noise level expressed in units of dB(A).
<b>L<sub>Aeq</sub></b>	Equivalent 'A-weighted' sound pressure level (the steady sound level that, over a specified period of time, would produce the same energy equivalence as the fluctuating sound level actually occurring).
<b>L<sub>Amax</sub></b>	A measure of the maximum level of individual noise events
<b>LAT</b>	Lowest Astronomical Tide
<b>LGA</b>	Local Government Area
<b>m</b>	metres
<b>m/s</b>	metres per second

# Abbreviations

<b>m<sup>2</sup></b>	square metres
<b>m<sup>3</sup>s<sup>-1</sup></b>	cubic metres per second
<b>maxLpA</b>	The highest noise level during a specified time period or during a specified number of events expressed as the absolute maximum level of the root-mean-square sound pressure level using time weighting 'F'.
<b>MCC</b>	Macarthur Coal Limited
<b>MDF</b>	Main Distribution Frame
<b>Mg</b>	Magnesium
<b>mg/kg</b>	milligrams per kilogram
<b>mg/l</b>	milligrams per litre
<b>MHWN</b>	Mean High Water Neap
<b>MHWS</b>	Mean High Water Spring
<b>min</b>	minute
<b>minL<sub>A90</sub></b>	Rating background noise level
<b>minL<sub>A90,1 hour</sub></b>	The overall single-figure background level representing each assessment period (day/evening/night) over the whole monitoring period.
<b>MJ/t/km</b>	Mega Joules per tonne per kilometre
<b>ML</b>	the symbol for magnitude on Richter's scale (when referring to seismic activity)
<b>ML</b>	Mega Litres
<b>ML/day</b>	Mega Litres per day
<b>ML/year</b>	Mega Litres per year
<b>MLWN</b>	Mean Low Water Neap
<b>MLWS</b>	Mean Low Water Spring
<b>mm</b>	millimetres
<b>MNES</b>	Matters of National Environmental Significance
<b>MSDS</b>	Material Safety Data Sheet
<b>Mt</b>	Million tonnes
<b>Mtpa</b>	Million tonnes per annum
<b>MW</b>	Mega Watts
<b>Na</b>	Sodium
<b>NaOH</b>	Caustic soda
<b>NC Act</b>	<i>Nature Conservation Act 1994 (Qld)</i>
<b>NC Regulation</b>	<i>Nature Conservation (Wildlife) Regulation 1994 (Qld)</i>
<b>NEM</b>	National Electricity Market
<b>NEPM</b>	National Environmental Protection Measure
<b>ng/m<sup>3</sup></b>	Nano grams per cubic metre
<b>Nm<sup>3</sup>/s</b>	Normal cubic metres per second, defined for dry gas at zero degrees Celsius and 1 atmosphere pressure.
<b>NO</b>	Nitric oxide
<b>No.</b>	Number
<b>NO<sub>2</sub></b>	Nitrogen Dioxide

# Abbreviations

<b>NO<sub>x</sub></b>	Nitrogen Oxides
<b>NSWD</b>	Northern Storm Water Dam
<b>NT Act</b>	<i>Native Title Act 1993 (Cth)</i>
<b>O<sub>3</sub></b>	Ozone
<b>p.a.</b>	per annum
<b>PAH</b>	Poly Aromatic Hydrocarbons
<b>PCI</b>	Pulverised Coal Injection
<b>PCM</b>	Pusher Charger Machine
<b>pH</b>	potential of Hydrogen (measure of acidity)
<b>pm</b>	post meridiem (after noon)
<b>PM<sub>10</sub></b>	Particulate matter with aerodynamic diameter less than 10 µm
<b>PM<sub>2.5</sub></b>	Particulate matter with aerodynamic diameter less than 2.5 µm
<b>PPE</b>	Personal protective equipment
<b>QAS</b>	Queensland Ambulance Service
<b>QCE</b>	Queensland Coke & Energy Pty Ltd
<b>QPWS</b>	Queensland Parks and Wildlife Service (Qld)
<b>RE</b>	Regional Ecosystem
<b>RFA</b>	Regional Forestry Agreement
<b>RIM</b>	Remote Integrated Multiplier
<b>ROP</b>	Fitzroy Basin Resource Operations Plan
<b>RRDL</b>	Rockhampton Regional Development
<b>s</b>	section (of legislation)
<b>SCL</b>	Stanwell Corporation Limited
<b>SDPWO Act</b>	<i>State Development and Public Works Organisation Act 1971(Qld)</i>
<b>SEP</b>	Stanwell Energy Park
<b>SES</b>	State Emergency Services
<b>SH&amp;E</b>	Safety, Health and Environment
<b>SLA</b>	Statistical Local Area
<b>SO<sub>2</sub></b>	Sulphur Dioxide
<b>SO<sub>4</sub><sup>2-</sup></b>	Sulphate
<b>SOR</b>	State of Regions Report 2004-5. (Australian Local Government Association)
<b>sp.</b>	species (singular)
<b>spp.</b>	species (plural)
<b>SPS</b>	Stanwell Power Station
<b>ss</b>	sections (of legislation)
<b>SSD</b>	Statistical Sub-District
<b>t</b>	tonnes
<b>t/h</b>	tonnes per hour
<b>tCO<sub>2</sub>e/kL</b>	tonnes of Carbon Dioxide equivalent per kilo litre
<b>TDS</b>	Total Dissolved Solids

# Abbreviations

<b>the Project</b>	Queensland Coke and Power Plant Project
<b>ToR</b>	Terms of Reference
<b>tpa</b>	tonnes per annum
<b>TPH</b>	Total Petroleum Hydrocarbons
<b>TSS</b>	Total Suspended Solids
<b>UN</b>	United Nations
<b>UV</b>	Ultra violet
<b>VM</b>	Volatile Matter
<b>VM Act</b>	<i>Vegetation Management Act 1999</i> (Qld)
<b>VOC</b>	Volatile Organic Compounds
<b>vph</b>	vehicles per hour
<b>WONS</b>	Weeds of National Significance
<b>X° XX' XX''</b>	Degrees, minutes and seconds