

Section 14

Glossary



14. GLOSSARY

Term	Definition
\$	Australian dollars
%	percent
"	inches
°C	degrees Celsius
µm	micro metres
µS.cm	MicroSiemens per centimetre – unit of measure for electrical conductivity
4WD	Four wheel drive
AC	Alternating current – electrical current reverses direction periodically.
ADWG	Australian Drinking Water Guidelines
AFANT	Amateur Fishermen's Association Northern Territory
AGO	Australian Greenhouse Office
AHD	Australian Height Datum
AIPP	Australian Industry Participation Plans
ALARP	As Low As Reasonably Practicable – a standard for risk reduction. Formal demonstration of ALARP is required within HSE Cases or in Environmental Plans required under the Petroleum (Submerged Lands) Management of Environment Regulations.
Alcan	Alcan Gove Pty Ltd
ALDD	Australian Land Disturbance Database
ALRA	Aboriginal Land Rights Act 1976
ANE	Air Noise Environment
ANZECC	Australian and New Zealand Environment and Conservation Council
APIA	Australian Pipeline Industry Association
Aquifer	Layer of rock that holds water and allows water to percolate through it.
Arboviruses	Arboviruses (arthropod-borne viruses) are a large group of viruses that are spread mainly by blood-sucking insects, commonly spread by mosquitoes.
ARMCANZ	Agriculture and Resource Management Council of Australia and New Zealand
ASS	Acid Sulfate Soils
ATSIC	Aboriginal and Torres Strait Islander Commission
AusIndustry	Commonwealth Department of Industry, Tourism and Resources
Australian Standard (AS)	An Australian Standard which provides criteria and guidance on design, materials, fabrication, installation, testing, commissioning, operation, maintenance, re-qualification and abandonment.
BFV	Barmah Forest Virus – a mosquito-borne disease
Bioregion	An area where the groups of plants and animals and the physical features (such as depth, sediment type, and climatic regime) are distinct from the surroundings at a chosen scale.
BOO	Build, Own and Operate
CAMBA	China – Australia Migratory Bird Agreement
CDEP	Community Development Employment Projects scheme
CH ₄	Methane
CHMP	Cultural Heritage Management Plan

Term	Definition
CO	Carbon monoxide
CO ₂	Carbon dioxide
CO ₂ -e	Carbon dioxide equivalent
CO _x	Carbon Monoxide and Carbon Dioxide
CP	Cathodic protection – A technique used for preventing corrosion in metal pipelines and tanks that uses weak electric currents to offset the current associated with metal corrosion.
Crepuscular	Becoming active at twilight or before sunrise, as do bats and certain insects and birds.
dB	decibels (acoustic) – a measurement of noise/sound levels. This is the scale on which sound pressure level is expressed. It is defined as 20 times the logarithm of the ratio between the root-mean-square pressure of the sound field and the reference pressure (0.00002N/m ²).
dB(A)	This is a measure of the overall noise level of sound across the audible spectrum with a frequency weighting (ie 'A' weighting) to compensate for the varying sensitivity of the human ear to sound at different frequencies.
DC	Direct current – electrical current is maintained in the same direction constantly.
DCA	Development Consent Authority
DD	Data Deficient
DEH	Department of Environment and Heritage
DHCS	Department of Health and Community Services Northern Territory
DIPE	Department of Infrastructure, Planning and Environment
EARDB	East Arnhem Regional Development Board
EHS	Environment Health and Safety
EIA	Environmental Impact Assessment
EIS	Environmental Impact Statement
EMP	Environmental Management Plan
EMS	Environmental Management System
EN	Endangered
Endemic	Native or restricted in distribution to a particular geographic region.
Eni	Eni Australia BV
ENM	Environmental Noise Model
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999</i>
EPCM	Engineering, Procurement, Construction and Management
Ephemeral	Lasting for a short period of time.
Epiphytic	A plant that grows on another plant but is not parasitic.
EPIRB	Emergency position-indicating radio beacon
ERP	Emergency Response Plan
ESCP	Erosion and Sediment Control Plan
ESD	Emergency Shut Down
ESO	Essential Service Officer
Ethnographic	Derived from scientific description and classification of the various cultural and racial groups of mankind.
FBE	Fusion bonded epoxy – a coating used to protect the pipeline
FCCC	Framework Convention on Climate Change

Term	Definition
FID	Final investment decision
GDP	Gross Domestic Product
Gensets	Electric generators
GHG	Greenhouse gas
GIL	Groundwater Investigation Level
GMU	Groundwater Management Units
GSA	Gas Sales Agreement
GSP	Gross State Product
GW h	Giga watt hours
GWP	Global Warming Potential
H ₂ O	Water or water vapour
ha	hectares
Hazard	A source of potential harm or a situation with a potential to cause harm.
HAZID	Hazard identification
HAZOP	Hazard and Operability Study -a guideline based process for identifying and assessing EHS risks, operability issues and the adequacy of their management.
HDD	Horizontal Directional Drilling
Heads of Agreement	A non-binding document outlining the main issues relevant to a tentative partnership agreement.
HSE	Health, Safety and Environment
IHANT	Indigenous Housing Authority of the Northern Territory
IPA	Indigenous Protected Area
ISO	An organisation, the International Organisation for Standardisation, that sets standards in many businesses and technologies, including computing and communications.
IUCN	International Union for the Conservation of Nature and Natural Resources
JAMBA	Japan – Australia Migratory Bird Agreement
JHA	Job Hazard Analysis
kg	kilogram
kl	kilolitres
km	kilometres
km/hr	kilometres per hour
km ²	square kilometres or area
KP	Kilometre point/post
KPI	Key performance indicator/s
KUNV	Kunjin Virus – a mosquito-borne disease
kVA	Kilo-volt amperes
l	litres
l/s	litres per second
L _{a10}	This is the dB(A) level exceeded 10% of the time.
L _{a90}	This is the dB(A) level exceeded 90% of the time.
L _{aMax}	This is the maximum dB(A) level reached.
LCA	Life Cycle Analysis
LNG	Liquefied Natural Gas

Term	Definition
LPG	Liquefied Petroleum Gas
m	metres
m/s ²	metres per second per second, or acceleration
m ³	cubic metres
MAGNT	Museum and Art Gallery of Northern Territory
MEB	Medical Entomology Branch of the Northern Territory Department of Health and Community Services
MI	Mega litre - a metric unit of volume equal to one thousandth of a litre
MI/yr	Mega litres per year (per annum)
MLV	Main line valve
mm	millimetres
Mm ³	Million cubic metres
MMRF	Monash Multi Regional Forecasting
MPa	Mega pascals
MSDS	Material Safety Data Sheet/s
Mt	Million tonnes
MVEV	Murray Valley Encephalitis Virus – a mosquito-borne disease
MW	Mega watt
N ₂	Nitrogen gas
N ₂ O	Nitrous oxide
NDT	Non destructive testing
NGO	Non Government Organisation
NLC	Northern Land Council
NLWRA	National Land and Water Resources Audit
nm	nautical mile
NMVOs	Non-methane Volatile Organic Compounds
NOI	Notice Of Intent
NO _x	Nitrogen dioxide (NO ₂) or nitric oxide (NO)
NPV	Net Present Value
NSW	New South Wales
NT	Northern Territory
NTTCorp	Northern Territory Treasury Corporation
NTU	Nephelometric Turbidity Units – units of measure for turbidity in water quality assessment.
ODS	Ozone depleting substance
OSHAS	Internationally recognised Occupational Health and Safety Management Specification, against which management systems can be assessed and certified.
P&ID	Piping and Instrumentation Diagram
PASS	Potential Acid Sulfate Soils
PER	Public Environmental Review
Perennial	Lasting or continuing throughout the year, as a stream.
pers. comm.	Personal communication
Pers. Obs.	Personal observation

Term	Definition
pH	A measure of the acidity or alkalinity of a solution, numerically equal to 7 for neutral solutions, increasing with increasing alkalinity and decreasing with increasing acidity. The pH scale commonly in use ranges from 0 to 14.
PJ	Petajoules
PJ/a	Petajoules per annum (energy unit)
PMP	Pipeline Management Plans
PPE	Personal protective equipment
PPF	Principal profile forms
PV	Photovoltaic – modules consist of many solar cells connected together and encapsulated under glass.
PWCNT	Parks and Wildlife Commission of the Northern Territory – now the NT Parks and Wildlife Service.
RAAF	Royal Australian Air Force
RAMSAR	The Convention on Wetlands of International Importance especially as Waterfowl Habitat.
RAPS	Remote area power supplies
RAT	Remote access terminal
RFDS	Radio frequency distribution system
Riparian	Edge of a river or natural watercourse.
RRV	Ross River Virus – a mosquito-borne disease
SCADA	Supervisory control and data acquisition
Seismicity	The frequency or magnitude of earthquake activity in a given area.
SIA	Social Impact Assessment
SIMP	Social Impact Management Plan
SKM	Sinclair Knight Merz
SOP	Safety and Operating Plan
SO _x	Sulphur dioxide (SO ₂) or sulphur trioxide (SO ₃)
t	tonnes
TARGET	A worldwide initiative developed by Alcan in 2000 to target climatic change due to greenhouse gas emissions.
Tcf	Trillion cubic feet
Terrestrial	Living or growing on land; not aquatic: a terrestrial plant or animal.
Threat	The possible cause that will potentially release a hazard and produce a top event.
Top Event	The 'release' of hazard, the first consequence eg. the loss of containment.
tpa	tonnes per annum
TTP	Trans Territory Underground Pipeline – Wadeye to Gove in the Northern Territory Project
UA	Unincorporated area
UNESCO	United Nations Educational Scientific and Cultural Organisation
VUL	Vulnerable
WA	Western Australia
WEF	World Economic Forum
WEL	Woodside Energy Limited
WONS	Weeds of National Significance

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