

Abbreviations

Abbreviation	Definition
°C	Degrees Celsius
µg/L	Micrograms per litre
µg/m ³	Micrograms per cubic metre
2P	Proven and Probable Reserves
AAQ NEPM	National Environment Protection (Ambient Air Quality) Measure
AAV	Ambient Air Vaporisation
ABS	Australia Bureau of Statistics
ACCC	Australian Competition & Consumer Commission
AEM3D	Aquatic Ecosystem Model 3D
AEMO	Australian Energy Market Operator
AEP	Annual Exceedance Probability
AHD	Acoustic Harassment Devices
ALARP	As Low As Reasonably Practicable
AMOSC	Australian Marine Oil Spill Centre
AMS	Aviation and Maritime Security
AMSA	Australian Maritime Safety Authority
ANZECC	Australian and New Zealand Environment and Conservation Council
ANZG	Australian and New Zealand Guidelines
APA	Australian Pipeline Limited
APGA	Australian Pipelines and Gas Association
AQACs	Air Quality Assessment Criteria
ARO	Abrasive Resistance Overlay
AS	Australian Standard
AS/NZS	Australian New Zealand Standards
ASS	Acid Sulfate Soil
AUCHD	Australasian Underwater Cultural Heritage Database

Abbreviation	Definition
BCS	Biodiversity Conservation Status
BHD	Backhoe Dredge
BOG	Boil-off Gas
BOM	Bureau of Meteorology
BOPL	Black oil pipeline
C2Z	Commercial 2 Zone
CALD	Culturally and Linguistically Diverse
CaLP	Catchment and Land Protection Act 1994 (Vic)
CAMBA	China-Australia Migratory Bird Agreement
CASS BPMG	Best Practice Guidelines for Assessing and Managing Coastal Acid Sulfate Soils
CBD	Central Business District
CCTV	Closed Circuit Television
CDF	Controlled Discharge Facilities
CEMP	Construction Environmental Management Plan
CEO	Chief Executive Officer
CES Act	Commissioner for Environmental Sustainability Act 2003 (Vic)
CFD	Computational Fluid Dynamics
CH ₄	Methane
CHMP	Cultural Heritage Management Plan
cm/s	Centimetres per second
CO	Carbon monoxide
CO ₂	Carbon Dioxide
CoGG	City of Greater Geelong
CPO	Chlorine Produced Oxidants
CPS	Components, Processes and Services
CSIRO	Commonwealth Scientific and Industrial Research Organisation
CSMP	Construction Safety Management Plan
Cth	Commonwealth
CUN	Clean Up Notice
DAWE	Department of Agriculture, Water and Environment
dB	Decibels
DDO	Design and Development Overlay
DELWP	Department of Environment, Land, Water and Planning
DMG	Dredged Material Ground
DoT	Department of Transport

Abbreviation	Definition
DSDOA	Dredged Spoil Disposal Options Assessment
DSE	Department of Sustainability and Environment
DUKC	Dynamic Under Keel Clearance
DWGM	Declared Wholesale Gas Market
EAO	Environmental Audit Overlay
EES	Environment Effects Statement
EMF	Environmental Management Framework
EMP	Environmental Management Plan
Environment Effects Act	Environment Effects Act 1978 (Vic)
EPA	Environment Protection Authority Victoria
EPBC Act	Environment Protection and Biodiversity Conservation Act 1999 (Cth)
ERP	Emergency Response Plan
ERS	Environmental Reference Standard
ESD	Ecologically Sustainable Development
ESG	Environmental, Social and Governance
ESO	Environmental Significance Overlay
ESV	Energy Safe Victoria
EVC	Ecological Vegetation Class
FAQ	Frequently Asked Question
FBT	Flat Bottom Tanks
FEA	Fire and Explosion Analysis
FeAST	Feature Activity Sensitivity Tool
FEED	Front-End Engineering Design
FFG Act	Flora and Fauna Guarantee Act 1988 (Vic)
FID	Final Investment Decision
FSRU	Floating storage and regasification unit
ft	Feet
FZ	Farming Zone

Abbreviation	Definition
GBJV	Gippsland Basin Joint Venture
GED	General Environmental Duty
GGPS	Greater Geelong Planning Scheme
GGSO	Gas Statement of Opportunities
GHG	Greenhouse Gas
GMU	Geomorphological units
GPG	Gas-powered generation
GREP	Geelong Ring Road Employment Precinct
GRI	Global Reporting Initiative
GSOO	Gas Statement of Opportunities
HA	Hectares
HAP	Hazardous Air Pollutants
HAT	Highest Astronomical Tide
HAZID	Hazard Identification
HAZOP	Hazard and Operability
HDD	Horizontal directional drilling
HGU	Hydrogeological Groundwater Unit
HIPAP	Hazardous Industry Planning Advisory Paper
HO	Heritage overlay
HPDE	High Density Polyethylene
HSE	Health Safety Environment
HSSE MS	Health, Safety, Security & Environmental Management System
HV	High Voltage
IACS	International Association of Classification Societies
IAP2	International Association for Public Participation
IEA	Independent Environmental Auditor(s)
IFV	Intermediate Fluid Vaporisation
IN2Z	Industrial 2 Zone
IPCC	Intergovernmental Panel on Climate Change
ISO	International Organisation for Standardisation
ITF/ILO	International Transport Workers' Federation /International Labour Organisation
IWC	Index of Wetland Condition
JAMBA	Japan-Australia Migratory Bird Agreement

Abbreviation	Definition
Kg/day	Kilograms per day
Kg/m ³	Kilograms per cubic metres
km	Kilometre
Km/day	Kilometres per day
kpa	Kilopascal
LAT	Lowest Astronomical Tide
LED	Light Emitting Diode
LIN	Liquid nitrogen
LNAPL	Light Non Aqueous Phase Liquid
LNG	Liquified natural gas
LO	Lube Oil
LOR	Laboratory Limit of Reporting
LOX	Liquid Oxygen
LPPF	Local Planning Policy Framework
LSIO	Land Subject to Inundation Overlay
LV	Low Voltage
m	Metres
m/hour	Metres per hour
m/s	Metres per second
m ³	Cubic metres
m ³ /day	Cubic metres per day
m ³ /hour	Cubic metres per hour
MACKF	Marine and Coastal Knowledge Framework
MARPOL	The International Convention for the Prevention of Pollution from Ships
MARS	Maritime Arrivals Reporting Systems
mbgs	metres below ground surface
MDO	Marine Diesel Oil
MET	Meteorology
mg SS/L	Milligrams of Suspended Solids per litre
mg/kg	Milligrams per kilogram
mg/L	Milligrams per litre
MHF	Major Hazard Facility
MHWN	Mean high water neap
MHWS	Mean high water spring
ML	Megalitres

Abbreviation	Definition
ML/day	Megalitres per day
MLA	Marine loading arm
mm	Millimetres
MM	Mitigation Measures
mm/day	Millimetres per day
mm/year	Millimetres per year
mmscf/day	Million standard cubic feet per day
MNES	Matters of National Environmental Significance
MPB	Microphytobenthos
MSIC	Maritime Security Identification Card
MSL	Mean Sea Level
MSS	Municipal Strategic Statement
MW	Megawatt
N ₂ O	Nitrous Oxide
NA	Not Applicable
NAGD	National Assessment Guidelines for Dredging
NCE	New Corio Estate
NEM	National Electricity Market
NG	Natural Gas
NGER Act	National Greenhouse and Energy Reporting Act 2007 (Cth)
NGIP	National Gas Infrastructure Plan
NGZ	No-Go Zone
NM	Nautical Miles
NO ₂	Nitrogen dioxide
NO _x	Nitrogen oxides
NSW	New South Wales
NTGVVP	Native Temperate Grasslands of the Victorian Volcanic Plain
NTU	Nephelometric Turbidity Units
NVPP	Native Vegetation Precinct Plan
OCIMF	Oil Companies International Marine Forum
OD	Over Dimensional
OEMP	Operational Environmental Management Plans
OHS Act	Occupational Health and Safety Act 2004 (Vic)

Abbreviation	Definition
P&I	Protection and indemnity
PAH	Polycyclic Aromatic Hydrocarbons
PASS	Potential Acid Sulfate Soil
PBI	Performance Based Inspection
PCP	Pipeline Consultation Plan
PCRZ	Public Conservation and Resource Zone
PFAS	Polyfluoroalkyl substances
PFOS	Perfluorooctane sulfonate
Pipelines Act	Pipelines Act 2005 (Vic)
PJ	Petajoules
PM10	Particulate matter 10 micrometres or less in diameter
PM2.5	Particulate matter 2.5 micrometres or less in diameter
PMST	Protected Matters Search Tool
PPE	Personal protection equipment
PPF	Planning Policy Framework
PPM	Parts per Million
PPRZ	Public Park and Recreation Zone
PSU	Practical Salinity Units
PUZ1	Public Use Zone – Schedule 1
PUZ4	Public Use Zone – Schedule 4
PZ	Port Zone
QA	Quaternary Alluvium
QRA	Quantitative Risk Assessment
QRC	Quick Release Couplings
RCP	Representative Concentration Pathways
RLZ	Rural Living Zone
ROKAMBA	Republic of Korea-Australia Migratory Bird Agreement
ROW	Right of Way
RSA	Road Safety Audit
SA	Statistical Area
SBO	Special Building Overlay
SCO	Specific Controls Overlay
SDA	Sustainability Difference Assessment
SDG	Sustainable Development Goals
SDS	Safety Data Sheets

Abbreviation	Definition
SEAL	Sustainable Engineering for Asset Lifecycle
SEIFA	Socio-Economic Indexes for Areas
SF6	Sulphur Hexafluoride
SFAIRP	So Far As Is Reasonably Practicable
SFARP	So Far As Reasonably Practicable
SIGTTO	Society of Gas Tanker and Terminal Operators
SIL	Safety Integrity Level
SIRE	Ship Inspection Report Programme
SMP	Safety Management Plan
SMS	Safety Management Studies
SO2	Sulfur dioxide
SOPEP	Shipboard Oil Pollution Emergency Plan
SS	Suspended Solids
STCS	Subtropical and Temperate Coastal Saltmarsh
SUP	Shared Use Path
SWP	South West Pipeline
t CO2-e	Tonnes of Carbon Dioxide Equivalence
TB	Thrust Bore
tC/year	Tonnes of Carbon per Year
TCFD	Taskforce on Climate-related Financial Disclosures
TDS	Total Dissolved Solids
TEC	Threatened Ecological Community
THM	Trihalomethanes
TJ	Terajoule
TJ/d	Terajoules per day
TMP	Traffic Management Plan
TN	Total Nitrogen
TP	Total Phosphorus
TRG	Technical Reference Group
TRH	Total Recoverable Hydrocarbons
TRZ	Transport Zone
TTS	Temporary Threshold Shift

Abbreviation	Definition
UCL	Upper Confidence Limit
UKC	Under Keel Clearance
UN	United Nations
US EPA	United States Environment Protection Authority
UTAM	Upper Tertiary Aquifer (Marine)
UTQB	Upper Tertiary/ Quaternary Basalt
VAHR	Victorian Aboriginal Heritage Register
VBA	Victorian Biodiversity Atlas
VGf	Victorian Geomorphological Framework
VGPR	Victorian Gas Planning Report
VHF	Very High Frequency
VHI	Victorian Heritage Inventory
VHR	Victorian Heritage Register
VIP	Value Improvement Practices
VIV	Vacuum Insulated Vessels
Viva AAQMS	Viva Energy Ambient Air Quality Monitoring Station
VOC	Volatile Organic Compounds
VPLUMES	Visual Plumes
VQA	Vegetation Quality Assessment
VRCA	Victorian Regional Channels Authority (which became the state-wide ports body, Ports Victoria, on 1 July 2021)
VTs	Victorian transmission system
WAG	Westernport-Altona-Geelong
WoNS	Weeds of National Significance
WOPL	White Oil Pipeline
WORM	Western Outer Ring Main
WQI	Water Quality Index
WSV	WorkSafe Victoria
WTOAC	Wadawurrung Traditional Owners Aboriginal Corporation

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