

Abbreviations

A

AAMA	American Automobile Manufacturers Association (USA)
AAQD	Ambient Air Quality Directive, 1999/30/EC (EU)
ABA	American Boatbuilders Association (USA)
Abbr.	abbreviation
ABC	Ag Biomass Council (USA)
ABS	American Bureau of Shipping (USA)
ABT	Averaging, Banking and Trading
ABYC	American Boat & Yacht Council (USA)
ACC	Accession countries
ACEA	European Automobile Manufacturers Association
ACER	Agency for the Cooperation of Energy Regulators (EU)
ACES	Advanced Collaborative Emissions Study (USA)
ACOPS	Advisory Committee On Pollution of the Sea
ACP	African, Caribbean and Pacific countries
ACSA	American Council of Snow Mobile Associations (USA)
ADCO	Administrative Co-operation Group (EC)
ADEME	Agency for Environment and Energy Management (FRA)
ADIN	Spanish Marine Industries Association (ESP)
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (UNECE)
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road (UNECE)
AECC	Association for Emissions Control by Catalyst (EU)
AECD	Auxiliary Emission Control Device(s)
AECS	Auxiliary Emission Control Strategy
AEGPL	European Liquefied Petroleum Gas Association

AEIF	European Association for Railway Interoperability
AEM	Association of Equipment Manufacturers (USA)
AENOR	Spanish Standards Association (ESP)
AEO	Annual Energy Outlook
AF	Alternative Fuel(s)
AFCO	European Parliament Committee on Constitutional Affairs (EU)
AFNOR	French Standards Association (FRA)
AGME	Above-Ground Mining Equipment
AGORIA	Belgian Multisector Federation of the Technology Industries (BEL)
AgTrac	Agricultural Tractor
AIRNET	Thematic Network on Air Pollution and Health
AISC	Automotive Industries Standards Committee (IND)
ALA	Asian and Latin American countries
ANIMA	Federation of the Italian Mechanical and Engineering Industries (ITA)
ANPRM	Advanced notice of proposed rulemaking (USA)
ANSI	American National Standards Institute (USA)
APA	Administrative Procedures Act
APAT	Environmental Protection Agency (ITA)
API	American Petroleum Institute (USA)
APICAN	Portuguese Marine Industry & Commerce Association (PRT)
AQ	Air Quality
AQD	(Ambient) Air Quality Directive, 1999/30/EC (EU)
AQIRP	Air Quality Improvement Research Program
AQMD	Air Quality Management District (USA)
ARAI	Automotive Research Association of India (IND)
ARB	Air Resources Board (USA)
ARTEMIS	Assessment and Reliability of Transport Emission Models and Inventory
ASAP	as soon as possible
ASD	Assessment and Standards Division (US EPA)
ASRO	Romanian Standards Association (ROM)
ASTM	American Society for Testing and Materials (USA)
AT	AfterTreatment

ATA	American Trucking Associations (USA)
ATC	Area Traffic Control (systems)
ATCM	Airborne Toxic Control Measure
ATD	Aftertreatment Device(s)
ATVEA	All Terrain Vehicle Industry European Association (EU)
AUS	Australia
AUT	Austria
AUTh	Aristotle University Thessaloniki (GRC)

B

B/d	Barrels per day
B100	Biodiesel (100%)
B20	Biodiesel blend (20% biodiesel, 80% petroleum diesel fuels)
B5	Biodiesel blend (5 biodiesel, 95% petroleum diesel fuels)
BACT	Best Available Control Technology
BADT	Best Available Demonstrated Technology
BAFU	Federal Office for the Environment (CHE)
BaP	Benzo(a)Pyrene
BAP	Biomass Action Plan
BAT	Best Available Technologies
BATAEL	Best Available Technique Associated Emission Level
BC	Black Carbon
BDB	German Inland Navigation Association (DEU)
BDS	Bulgarian Institute for Standardization (BGR)
BDT	Best Demonstrated Technology
BE	Belgium
BECS	Base Emission Control Strategy
BEL	Belgium
BELST	Committee for Standardization and Certification of Belarus (BLR)
BEMS	Besluit emissie-eisen middelgrote stookinstallaties milieubeheer / New rules on emissions from medium-sized combustion plants (NLD)
BEST	Bioethanol for Sustainable Transport (EU)

BFO	Bunker Fuel Oil
BG	Bulgaria
BGR	Bulgaria
BIMCO	International Private Shipping Organisation
BIOFRAC	Biofuels Research Advisory Council (EU)
BIS	Bureau of Indian Standards (IND)
BLG	Sub-Committee on Bulk Liquids and Gases (IMO)
BLR	Belarus
BMF	British Marine Federation (GBR)
BMLFUW	Ministry of Agriculture, Forestry, Environment and Water Management (AUT)
BMTA	Bangkok Mass Transit Authority
BMU	Ministry for the Environment (DEU)
BMVIT	Ministry of Transport, Innovations and Technology (AUT)
BMWA	Ministry of Economics and Labour (AUT)
BMWI	Ministry of Economics and Technology (DEU)
BPG	Best Practice Guidance on local air quality action plans (London, GBR)
BREF	BAT Reference Documents
BRIC	Brazil – Russia – India – China
BRT	Bus Rapid Transit
BSAP	Baltic Sea Action Plan of the Helsinki Commission (HELCOM)
BSFC	Brake Specific Fuel Consumption
BSI	British Standards Institution (GBR)
BSO	Bodensee-Schiffahrts-Ordnung / Lake Constance Shipping Ordinance (CH/DE/AT)
BtL	Biomass-to-liquid
BUWAL	Federal Office for the Environment (CHE)
BV	Bureau Veritas (BEL)
BVWW	Bundesverband für Wassersportwirtschaft (DEU)
BWM	Ballast Water Management (IMO)
C	
C ₅	Hydrocarbons with five carbon atoms
CAA	Clean Air Act (USA)

CAAA	Clean Air Act Amendments (USA)
CAAAAC	Clean Air Act Advisory Committee (US EPA)
CAFE	Clean Air for Europe programme(EU)
CAI	Combined Auto-Ignition
CAL	California (USA)
CAL/EPA	California Environmental Protection Agency (USA)
CAN	Canada
CAP	European Community's Common Agricultural Policy (EU)
CARB	California Air Resources Board (USA)
CAS	Chemical Abstracts Service
CASAC	Clean Air Scientific Advisory Committee (US EPA)
CASCO	Committee on Conformity Assessment (ISO)
CATP	Committee for Adaptation to Technical Progress (EU)
CBA	Cost-benefit analysis
CBD	Central Business District
CBIA	Croatian Boating Industry Association (HRV)
CBRB	Netherlands Rhine and Shipowners Association (NLD)
CBT	Clean Ballast Tank
cc	Cubic Centimeters
CCAP	Center for Clean Air Policy
CCC	Sub-Committee on Carriage of Cargoes and Containers (IMO)
CCD	Combustion Chamber Deposits
CCNR	Central Commission for the Navigation on the Rhine
CCNR COA	Annual Meeting of the Member States Delegates of the Central Commission for the Navigation on the Rhine
CCNR JWG	Joint Working Group of the Central Commission for the Navigation on the Rhine and the Council of Europe
CCNR RRG	Adhoc Group on the Reorganisation of Regulations of the Central Commission for the Navigation on the Rhine
CCNR RV	Vessel Inspection Committee of the Central Commission for the Navigation on the Rhine
CCNR RVG	Working Group Inspection of the Regulation Vessel Inspection Committee of the Central Commission for the Navigation on the Rhine
CCS	China Classification Society (CHN)

CCNR TP	Permanent Technical Committee of the Central Commission for the Navigation on the Rhine
CCNR TPG	Working Group of the Permanent Technical Committee of the Central Commission for the Navigation on the Rhine
CCSO	Canadian Council of Snowmobile Organizations (CAN)
CCV	Closed Crankcase Ventilation
CDEG	Common Diesel Expert Group (UIC – EUROMOT)
CDM	Clean Development Mechanism
CDPF	Catalyzed Diesel Particulate Filter
CEA	Cost-effectiveness analysis
CECE	Committee for European Construction Equipment
CEE	Central and East European countries
CEER	Council of European Energy Regulators
CEFIC	European Council of Chemical Manufacturers' Federation
CELINE	Interregional Cell for the Environment (BE)
CEMA	Construction Equipment Manufacturers Association (JPN)
CEMS	Continuous Emission Monitoring System(s)
CEN	European Committee for Standardization
CENELEC	European Committee for Electrotechnical Standardization
CEPA	Canadian Environmental Protection Act (CAN)
CER	Community of European Railways
CESA	Community of European Shipyards Associations
CEVNI	European Code for Inland Waterways / Code Européen des Voies de la Navigation Intérieure (UNECE)
CFC	Chlorofluorocarbon
CFPP	Cold Flow Plugging Point
CFR	Code of Federal Regulations (USA)
CFV	Critical Flow Venturi
CH	Switzerland
CH ₄	Methane
CHE	Switzerland
CHP	Combined Heat and Power
CI	Compression ignition

CIAM	Centre for Integrated Assessment Modelling (UNECE)
CICEIA	China Internal Combustion Engine Industry Association (CHN)
CII	Confederation of Indian Industry (IND)
CIMAC	International Council on Combustion Engines
CION	European Commission (EU)
CISD	Compliance and Innovative Strategies Division (US EPA)
CITEPA	Centre Interprofessionnel Technique d'Etudes de la Pollution Atmosphérique (FRA)
CITES	Convention on International Trade in Endangered Species of Wild Fauna and Flora
CLD	Chemiluminescence Detector
CLE	Current legislation
CLEEVE	Clean and Efficient Vehicles (EU JRC)
CLEPA	European Association of the Automotive Suppliers
CLIM	Climate Action (EU)
CLIMA	European Commission Directorate-General for Climate Action (EU)
CLINSH	Clean Inland Shipping LIFE-Project (EU)
CLP	Classification, Labelling, Packaging, Regulation No 1272/2008 (EU)
CLRTAP	Convention on Long-Range Transboundary Air Pollution (UNECE)
CMMA	Canadian Marine Manufacturers Association (CAN)
CMR	Carcinogenic, Mutagenic, Toxic for Reproduction
CMV	Commercial Marine Vessel
CMVR	Central Motor Vehicles Rules Committee (IND)
CNG	Compressed Natural Gas
CO	Carbon monoxide
CO ₂	Carbon dioxide
COD	Ordinary Legislative Procedure Regulation (Ex-codecision Procedure) (EP)
COGEN Europe	European Association for the Promotion of Cogeneration
COI	Cost Of Illness
COM	European Commission Proposal (EU)
CONCAWE	Oil Companies' European Organisation for Environmental & Health Protection
CONEQT	Construction Equipment for Tomorrow
CONSILIUM	European Council
CoP	Conformity of Production Standard

COPERT	COmputer Programme to calculate Emissions from Road Transport (EU)
COREPER	Committee of Permanent Representatives (EU)
CORINAIR	CORe INventory of AIR Emissions in Europe (EU)
CORINE	CoORDination of INformation on the Environment (EU)
COW	Crude Oil Washing
CPCB	Central Pollution Control Board (IND)
CPfT	Clean Power for Transport (EU)
CR	Concentration Response
CRAES	Research Academy of Environmental Sciences (CHN)
CREATING	Concepts to Reduce Environmental Impact Aiming at Transport by Inland NaviGation
CRPM	Conférence des Régions Périphériques Maritimes d'Europe - Conference of Peripheral Maritime Regions of Europe (EU)
CRS	Croatian Register of Shipping (HRV)
CSI	Communication Skills International
CSNI	Czech Standards Institute (CZE)
cSt	Centistokes
CT	Confirmatory Testing
CtL	Coal-to-liquid
CVS	Constant Volume Sampler
CWP	Commission Work Programme (EU)
CY	Calendar year
CYMCIA	Cyprus Marine Commerce & Industry Association (CYP)
CZE	Czech Republic

D

DAF	Downward Adjustment Factor
DALY	Disablility-Adjusted Life-Year
DANBOAT	Danish Boating Industry Association (DNK)
DBSV	German Boat and Shipbuilders Association (DEU)
DC	Danube Commission
DDE	Durability Demonstration Engine
DE	Germany

DEA	Delegated Acts Procedure (EP)
DEER	Diesel Engine Efficiency and Emission Research Conference (USA)
DEF	Diesel Exhaust Fluid
DEFRA	Department for Environment, Food and Rural Affairs (GBR)
DEMS	Diesel Exhaust in Miners Study (WHO/HEI)
DENTUR	Association for Developing Sea Tourism and Seamanship (TUR)
DEOG	Diesel Exhaust Organic Gases
DETEC	Federal Department of the Environment, Transport, Energy and Communications (CH)
DEU	Germany
DEW	Department of the Environment and Water Resources (AUS)
DF	Deterioration Factor
DFC	Diesel Fuel Committee (ASTM)
DFIU	Deutsch-Französisches Institut für Umweltforschung (= IFARE)
DFT	Department for Transport (GBR)
DG	Directorate-General of the European Commission (EU)
DG CLIMA	DG Climate Action (EC)
DG ENER	DG Energy (EC)
DG ENTR	DG Enterprise (EC)
DG ENV	DG Environment (EC)
DG MOVE	DG Mobility and Transport (EC)
DG RTD	DG Research and Innovation (EC)
DG TAXUD	DG Taxation and Customs (EC)
DGC	Danish Gas Technology Centre (DNK)
DGTW	Diesel & Gas Turbine Worldwide Magazine
DI	Diagnostic Inspection
DIN	German Industrial Standard
DIS	Draft International Standard (ISO)
DK	Danube Commission
DMC	Discrete Mode Cycle
DME	Di-Methyl-Ether
DMS	Document Management System

DNK	Denmark
DNV	Det Norske Veritas (NOR)
DoC	Declaration of Conformity (EU)
DOC	Diesel Oxidation Catalyst
DOE	Department of Energy (USA)
DOJ	Department of Justice (USA)
DORIS	Document retrieval and information gathering system
DoRIS	Donau river information services
DOT	Department of Transport (USA)
DPF	Diesel Particulate Filter
DPI	Diesel Progress International Magazine
DPPR	Administration for the Prevention of Pollution Risks (FRA)
DRRP	Diesel Risk Reduction Plan (US EPA)
DS	Danish Standards Association (DNK)
DTC	Diagnostic Trouble Code
DTF	Diesel Technology Forum (USA)
DTI	Department of Trade and Industry (GBR)
DVP	Dry Vapour Pressure

E

E-CERT	Electronic Certification
EA	Environment Agency (GBR)
EAGGF	European Agricultural Guidance and Guarantee Fund
EAP	Environmental Action Programme
EASEE-gas	European Association for the Streamlining of Energy Exchange
EB	Executive Body (UNECE)
EBA	European Boating Association (EBA)
EBB	European Biodiesel Board
EBI	European Bioinformatics Institute
eBIO	European Bioethanol Fuel Association
EBU	European Barge Union
EC	Environment Canada (CAN)

EC4MACS	European Consortium for Modelling of Air Pollution and Climate Strategies (EU)
ECA	Emissions Control Area (IMO)
ECCP	European Climate Change Programme
ECE	Economic Commission for Europe (UN)
ECEH	Centre for Environment and Health of the WHO Regional Office for Europe (WHO)
ECHA	European Chemicals Agency (EU)
ECM	Engine Control Module
ECMT	European Conference of Ministers of Transport
ECNI	European Confederation of Nautical Industries
ECOSOC	Economic and Social Council (EU)
ECS	Emission Control Strategy
ECU	Engine Control Unit
EE	Estonia
EEA	European Economic Area
EEB	European Environmental Bureau
EECCA	Eastern Europe, Caucasus and Central Asia Region (Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, the Kyrgyz Republic, Moldova, the Russian Federation, Tadjikistan, Turkmenistan, Ukraine and Uzbekistan) (UN)
EECU	Engine System Electronic Control Unit
EEDI	Energy Efficiency Design Index (IMO)
EEFMA	European Emulsified Fuel Manufacturers Association
EEOI	Energy Efficiency Operational Index (IMO)
EESC	European Economic and Social Committee (EU)
EET	Exhaust Emissions Technology
EEV	Enhanced Environmentally Friendly Vehicle
EF	Emission Factor
EFC	Electronic Flow Control
EfE	Ministerial Conference "Environment for Europe"
EFIN	European Framework for Inland Navigation
EFOA	European Fuel Oxygenates Association
EFTA	European Free Trade Association
EG	Expert Group

EGBC	Expert Group on Black Carbon (UNECE)
EGMF	European Garden Machinery Manufacturers Association
EGR	Exhaust Gas Recirculation
EGTEI	Expert Group on Techno-Economic Issues (UNECE)
EHI	European Heating Industry
EHS	Environmental, Health and Safety Guidelines (WORLDBANK)
EIA	Economic Impact Analysis / Assessment
EIAPP	Engine International Air Pollution Prevention Certificate (IMO)
EIB	European Investment Bank
EIONET	European Environment Information and Observation Network
EIPPCB	European Integrated Pollution Prevention and Control Bureau (EU)
EIR	Emission Information Report
EIRAC	European Intermodal Research Advisory Council
EISA	Energy Independence and Security Act (US)
ELOT	Hellenic Organization for Standardization (GRC)
ELR	European Load Response
ELV	Emission limit value
EMA	Truck & Engine Manufacturers Association (USA)
EMC	Electromagnetic compatibility
EMD	Engine Manufacturers Diagnostics
EMEC	European Marine Equipment Council
EMEP	Co-operative Programme for Monitoring and Evaluation of the Long-Range Transmission of Air Pollutants in Europe
EMPA	Swiss Materials Science and Technology Research Institute (CHE)
EMSA	European Maritime Safety Agency
EN	European Industrial Standard
ENER	European Commission Directorate-General for Energy (EU)
ENGVA	European Natural Gas Vehicles Association
ENP	Environmental Noise Policy (EC)
ENTR	Enterprise
ENTSO-E	European Network of Transmission System Operators for Electricity
ENTSO-G	European network of Transmission System Operators for Gas

ENV	Environment
ENVI	European Parliament Committee on Environment, Public Health and Food Safety (EU)
EOBD	European Union Onboard Diagnostic (US)
Eoi	Exchange of information
EP	European Parliament
EPA	Environmental Protection Agency (USA)
EPACT	Environmental Policy Act (USA)
EPCA	Energy Policy and Conservation Act (USA)
EPEFE	European Programme on Emissions, Fuels and Engine Technology
EPER	European Pollutant Emission Register
EPIA	European Photovoltaic Industry Association
EPR	Extended Producer Responsibility (EU Eco-Design)
EPTA	European Power Tool Association
ERC	Emission-related Equipment
ERDF	European Regional Development Fund
ERGEG	European Regulators Group for Electricity and Gas
ERP	Electronic Road Pricing
ERRI	European Rail Research Institute
ES	Spain
ESC	European Stationary Cycle
ESCAPE	European Study of Cohorts for Air Pollution Effects (EU FP7)
ESD	Emergency Shut Down
ESF	European Social Fund
ESH	Environmental, Health and Safety Guidelines (WORLDBANK)
ESN	European Safety Network (Industrial Emission Directive) (EU)
ESO	European Shippers Organisation
ESP	Spain
EST	Estonia
ETBE	Ethyl-Tertio-Butyl-Ether
ETC	European Topic Center
ETC/ACC	European Topic Center on Air and Climate Change
ETC/AEM	European Topic Center on Air Emissions

ETERG	European Transport Emissions Review Group
ETRMA	European Tyre & Rubber Manufacturers Association (EU)
ETS	Emission Trading Scheme(s)
ETV	Environmental Technology Verification Program (US EPA)
EU	European Union
EUBIA	European Biomass Industry Association
EUCAR	European Council for Automotive R&D
EUDC	EU Extra Urban Driving Cycle
EURMIG	European Union Recreational Marine Industry Group
EUROMOT	European Association of Internal Combustion Engine Manufacturers
EUROGEN	European Generating Sets Association
EUROPIA	European Petroleum Industry Association
EUROPUMP	European Pump Industry Association
EV	Electric vehicle
EVS	Estonian Centre for Standardization (EST)
EWEA	European Wind Energy Association
EWG	Environmental Working Group
EWIR	Engine Warranty Information Report
EXCOM	Executive Committee

F

FAD	Förderkreis Abgasnachbehandlungstechnologien für Dieselmotoren / Research Association for Diesel Emission Control Technologies (DEU)
FAEE	Fatty-Acid-Ethyl-Ether
FAME	Fatty-Acid-Methyl-Ether
FAO	Food and Agriculture Organization (UN)
FC	Fuel Consumption (EU)
FDIS	Final Draft International Standard (ISO)
FE	Fuel Economy (US)
FEDRO	Federal Roads Office (CH)
FEL	Family emission limit
FEM	European Material Handling Association

FEPC	Fuel Efficiency Policy Committee (JAP)
FFV	Flexible Fuel Vehicle
FGD	Flue Gas Desulfurization
FI	Finland
FID	Flame Ionisation Detector
FIM	Federation of the French Mechanical and Engineering Industries (FRA)
FIMECA	Federation of the French Mechanical and Engineering Industries (FRA)
FIN	Finland
FINNBOAT	Finnish Marine Industries Federation (FIN)
FIR	Field Information Report
FLEX	Flexibility provisions
FOEI	Friends of the Earth International
FOEN	Federal Office for the Environment (CHE)
ForFITS	UN Development Account (UNDA) Project for Future Inland Transport Systems (UNECE)
FOWG	Federal Office for Water and Geology (CHE)
FP	Framework Programme on Research and Technological Development
FP7	Seventh Framework Programme for Research and Technological Development (EC DG RTD)
FQD	Fuel Quality Directive, 2009/30/EC (EU)
FR	Federal Register (USA)
FRA	France
FRG	Fachgruppe Garten- und Rasenpflegegeräte (DEU)
FRT	Fault Ride Through
FSN	Filter Smoke Number
FTC	Federal Trade Commission
FTP	US Federal Test Procedure
FVV	Flexible-Fuel Vehicle
FYI	For Your Information

G

g/bhp-hr	grams per brake horsepower/hour
g/km	Grams per kilometer

g/l	Grams per liter
g/mi	grams per mile
GA	General Assembly
GAC	Global Advisory Committee (US DOJ)
GAD	Gas Appliance Directive, 2009/142/EC (EU)
GAINS	Greenhouse Gas Air Pollution Interactions and Synergies (IAM EU)
GAO	US General Accounting Office
GATT	General Agreement on Tariffs and Trade
GB	Great Britain
GBR	Great Britain
GC	Gas Chromatography
GCWR	Gross Combination Weight Rating
GDP	Gross Domestic Product
GEF	Global Environment Facility
GEME	Group of Experts Meeting on Exhaust Emissions (EU)
GEPE	Groupe d'Experts sur la Performance Environnementale (UNECE)
GERG	Group Européen de Recherches Gazières / European Gas Research Group
GESAMP	Joint Group of Experts on the Scientific Aspects of Marine Pollution
GFEI	Global Fuel Economy Initiative (OECD)
GHG	GreenHouse Gas
GHS	Globally Harmonized System of Classification, Labelling and Packaging of Chemicals (UN)
GIIP	Good International Industry Practice (WORLDBANK)
GL	Germanischer Lloyd (DEU)
GLA	Greater London Authority (GBR)
GMO	Genetically Modified Organism
GP	Gothenburg Protocol (UNECE)
GPA	Geographic Phase-In Area
gpm	Gallons per minute
GPSD	General Product Safety Directive, 2001/95/EC (EU)
GR	Greece
GRC	Greece

GRPE	Group of Rapporteurs on Pollution and Energy (UNECE)
GRT	Gross Registered Tonnage
GT	Gas turbine
GtL	Gas-to-liquid
GTR	Global Technical Regulation (UNECE)
GVWR	Gross Vehicle Weight Rating
GzF	Gesellschaft zur Förderung des Maschinenbaus (DEU)

H

HAD	Health Assessment Document
HAP	Hazardous Air Pollutant
HAPPS	Hazardous Air Pollutant Prioritization System
HC	Hazardous Constituent
HCCI	Homogeneous Combustion Compression Ignition
HCHO	Formaldehyde
HCLD	Heated Chemiluminescence Detector
HD2007	Heavy-Duty 2007
HDD	Heavy-Duty Diesel
HDDE	Heavy-Duty Diesel Engine
HDDT	Heavy-Duty Diesel Truck
HDDTC	Heavy-Duty Diesel Transient Cycle
HDDV	Heavy-Duty Diesel Vehicle
HDE	Heavy-Duty Engine
HDEOCP	Heavy-Duty Engine Oil Classification Panel (US ASTM)
HDGTC	Heavy-Duty Gasoline Transient Cycle
HDGV	Heavy-Duty Gasoline Vehicle
HDHEV	Heavy-Duty Hybrid Electric Vehicle
HDIUT	Heavy-Duty In-Use Testing
HDOBD	Heavy-Duty On-Board Diagnostics
HDOH	Heavy-Duty Onhighway
HDPE	High-Density Polyethylene
HDV	Heavy-Duty Vehicle

HEI	Health Effects Institute (USA)
HELCOM	Helsinki Commission Baltic Marine Environment Protection Commission (intergovernmental organisation of all the nine Baltic Sea countries and the EU)
HEV	Hybrid Electric Vehicle
HFC	Hydro-Fluor Carbon(s)
HFID	Heated Flame Ionization Detector
HFO	Heavy Fuel Oil
HHDE	Heavy Heavy-Duty Diesel Engine
HHDDV	Heavy Heavy-Duty Diesel Vehicle
HHV	Higher Heating Value
HILS	Hardware In Loop Simulation
HIN	Hull Identification Number
HIPS	Hydrogen in Pipeline Systems (GERG)
HISWA	Dutch Boating Industry Association (NLD)
HOV	High-Occupancy Vehicle
hp	Horsepower
HPI	High Pressure Injection System
HPLC	High-Performance Liquid Chromatography
HR	Croatia
HRAPIE	Health Risks of Air Pollution in Europe (WHO)
HRS	Hellenic Register of Shipping (GRC)
HRV	Croatia
HTAP	Task Force on Hemispheric Transport of Air Pollution (UNECE, EC, US EPA)
HU	Hungary
HUN	Hungaria
HVE	Hungarian Marine Industry Federation (HUN)

I

I/M	Inspection and Maintenance Systems
IA	Environment Institute (PRT)
IACCSEA	International Association for Catalytic Control of Ship Emissions to Air
IACS	International Association of Classification Societies

IAM	Integrated assessment modelling
IANGV	International Association for Natural Gas Vehicles
IAPP	International Air Pollution Prevention (IMO)
IAPPC	International Air Pollution Prevention Certificate
IARC	International Agency for Research on Cancer (WHO)
IBEX	International Boat Builders Exhibition & Conference
IBN	Belgian Standards Institute (BEL)
IBP	Initial Burning Point
IC	Internal Combustion
ICAO	International Civil Aviation Association
ICCP	International Climate Change Partnership
ICCT	International Council on Clean Transportation
ICLEI	International Council for Local Environmental Initiatives
ICOMIA	International Council of Marine Industry Associations
ICP	International Cooperative Programmes
ICS	International Chamber of Shipping
ICT	Information and communication technologies
IDEMA	Indian Diesel Manufacturers Association (IND)
IDI	Indirect Injection
IE	Ireland
IEC	International Electrotechnical Commission
IED	Industrial Emissions Directive, 2010/75/EU (EU)
IES	Institute for Environment and Sustainability (EU)
IFARE	Institut Franco-Allemand de Recherche (= DFIU)
IFBSO	International Federation of Boat Show Organizers
IFC	International Finance Corporation (WORLDBANK)
IFEN	Institute for the Environment (FRA)
IFEU	Institute for Energy and Environmental Research (DEU)
IFQC	International Fuel Quality Centre
IGCC	International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk (IMO)

IGFC	International Code of Safety for Ships Using Gases or Other Low Flash Point Fuels (IMO)
IIASA	International Institute for Applied Systems Analysis
IICEMA	International IC Engine Manufacturers Associations
IIP	Industrial intellectual property
IIT	Indian Institute of Technology (IND)
ILSAC	International Lubricant Standardization Approval Committee
IMarEST	Institute of Marine Engineering, Science & Technology (IMO)
IMCI	International Marine Certification Institute
IMCO	European Parliament Committee on Internal Market and Consumer Protection (EU)
IMDG	International Maritime Dangerous Goods
IMEC	ICOMIA Marine Environment Committee
IMF	Irish Marine Federation (IRL)
IMO	International Maritime Organization (UN)
IND	India
INE	Inland Navigation Europe
INGAA	Interstate National Gas Association of America (USA)
INI	Own Initiative Procedure (EP)
INTA	European Parliament Committee on International Trade (EU)
INTERTANKO	International Association of Independant Tanker Owners
IPC	Integrated Pollution Control
IPCC	Intergovernmental Panel on Climate Change
IPCS	International Programme on Chemical Safety
IPIECA	Global Oil and Gas Industry Association for Environmental and Social Issues (UN)
IPPC	Integrated Pollution Prevention and Control
IPQ	Portuguese Quality Institute (PRT)
IPTS	Institute for Prospective Technological Studies
IQ	Intelligence Quotient
IRAF	Infrequent Regeneration Adjustment Factors
IRFA	Initial Regulatory Flexibility Analysis
IRL	Ireland
IS	Indian Industrial Standard (IND)

ISC	In-Service Conformity
ISG	Inter-Service Group
ISID	International Ship Information Database
ISKB	Internationale Schifffahrtskommission für den Bodensee / International Commission for Boating on Lake Constance (CHE/DEU/AUT)
ISMA	International Snowmobile Manufacturers Association
ISO	International Standardization Organization
IT	Italia
ITA	Institute of Technology Assessment (AUT)
ITALMOT	Italian Internal Combustion Engine Manufacturers (ITA)
ITF	Industry Task Force
ITI	Interference Technology International
ITRE	European Parliament Committee on Industry, Research and Energy (EU)
ITS	Intelligent Transport Systems
ITTO	International Tropical Timber Organization
IU	In-Vehicle Unit
IUPAC	International Union of Pure and Applied Chemistry
IVL	Environmental Protection Agency (SWE)
IVR	International Association for the representation of the mutual interests of the inland shipping and the insurance and for keeping the register of inland vessels in Europe
IWT	Inland waterway transport

J

JAMA	Japan Automobile Manufacturers Association (JPN)
JBIA	Japan Boating Association (JPN)
JCMA	Japan Construction Mechanization Association (JPN)
JCMMRI	Japan Construction Method and Machinery Research Institute (JPN)
JEA	Japanese Environmental Agency (JPN)
JEC	JRC, EUCAR and CONCAWE Research Collaboration (EU)
JEIP	Joint European Industry Proposal
JICEF	Japan Internal Combustion Engine Federation (JAP)
JIS	Japanese Industrial Standard (JPN)
JISC	Japanese Industrial Standards Committee (JPN)

JITI	Japan International Transport Institute (JPN)
JP	Japan
JPN	Japan
JRC	Joint Research Centre of the European Commission (EU)
JSMEA	Japanese Marine Equipment Manufacturers Association (JPN)
JWG	Joint Working Group

K

KAM	Korea Automotive Manufacturers Association (KOR)
KATS	Korean Agency for Technology and Standards (KOR)
kg	Kilograms
kg/l	Kilograms per liter
kg/m ³	Kilograms per cubic meter
KLIF	Climate and Pollution Agency (NOR)
km	Kilometers
km/h	Kilometers per hour
KOCEMA	Korea Construction Equipment Manufacturers Association (KOR)
kPa	Kilopascals
kW	Kilowatt
kWh	Kilowatt-hours

L

L&M	Locomotive and Marine
LAER	Lowest Achievable Emission Rate
LAT	Laboratory of Applied Thermodynamics, Aristotle University Thessaloniki (GRC)
LBS	Pounds (1lb = 0.454kg)
LCE	Low-Carbon Economy
LCP	Large Combustion Plant
LDDV	Light-Duty Diesel Vehicle
LDT	Light-Duty Truck
LDV	Light-Duty Vehicle
LEL	Lower Explosive Limit

LEMA	Land Engine Manufacturers Association (JPN)
LEV	Low Emission Vehicle
LEZ	Low Emission Zone
LFC&R NC	Load Frequency Control & Reserves Network Code
LFO	Light Fuel Oil
LHDE	Light Heavy-Duty Diesel Engine
LIFE	Financial Instrument Supporting Environmental and Nature conservation projects throughout the EU (EU)
LLDT	Light Light-Duty Truck
LMIS	Lloyd's Maritime Information Service
LNG	Liquefied Natural Gas
LNT	Lean NOx Trap
LOD	Limit of Detection
LPG	Liquefied Petroleum Gas
lpm	Litres per minute
LR	Lloyd's Register (GBR)
LRIT	Long-Range Identification/Tracking of Ships (IMO)
LRTAP	Long-Range Transboundary Air Pollution (UNECE)
LRV	Luftreinhalteverordnung (CHE)
LST	Lithuanian Standards Board (LTU)
LT	Lithuania
LTFT	Low Temperature Flow Test
LTU	Lithuania
LU	Luxembourg
LUX	Luxembourg
LV	Latvia
LVA	Latvia
LVRT	Low-Voltage Ride Through
LVS	Latvian Standards Association (LVA)
LVW	Loaded Vehicle Weight Rating

M

m	meters
m ₃	cubic meters
MACT	Maximum Achievable Control Technology
MARINTEK	Norwegian Marine Technology Research Institute (NOR)
MARPOL	International Convention for the Prevention of Pollution from Ships (IMO)
MCA	Maritime & Coastguard Agency (GBR)
MCMA	Mexico City Metropolitan Area
MCP	Medium-Combustion Plant Directive (EU)
MCR	Maximum Continuous Rating
MDO	Marine Diesel Oil
MDV	Medium-Duty Vehicle
MEA	Multilateral Environmental Agreements
MECA	Manufacturers of Emission Controls Association (USA)
MECSS	Marine Electrical and Control Systems Safety
MED	Marine Equipment Directive, 2011/75/EU (EU)
MEK	Methyl Ethyl Ketone
MEMA	Motor & Equipment Manufacturers Association (USA)
MEP	Member of the European Parliament
MEPC	Marine Environment Protection Committee (IMO)
METI	Japanese Ministry of Economy, Trade and Industry (JPN)
MEV	Ministry for the Environment (LUX)
MFR	Manufacturer
mg/m ₃	micrograms per cubic meter
mg/y	Million gallons per year
MHDE	Medium Heavy-Duty Diesel Engine
MIL	Malfunction Indicator Light
MLIT	Ministry of Land, Infrastructure and Transport (JPN)
MMA	Ministry for the Environment (EST)
MMT	Methylcyclopentadienyl Manganese Tricarbonyl
MN	Methane Number
MNP	Environmental Assessment Agency (NLD)
MoC	Ministry of Construction (JPN)

MoE	Minsitry of Environment (JPN)
MoEF	Ministry of Environment and Forests (IND)
MON	Motor Octane Number
MoRTH	Ministry of Road Transport and Highways (IND)
MoT	Ministry of Transport (JPN)
MoU	Memorandum of Understanding
MOVE	European Commission Directorate-General for Mobility and Transport (EU)
MPP	Marginal Physical Product
MRA	Mutual Recognition Agreement
MRV	Monitoring, Reporting and Verification of EU ETS Emissions (EU)
MS	Member State (EU)
MSA	Marine Safety Administration (CHN)
MSC	Marine Safety Committee (IMO)
MSZT	Hungarian Standards Institute (HUN)
MT	Malta
MTA	Metropolitan Transportation Authority
MTBE	Methyl Tertiary-Butyl Ether
MTFR	Maximum Technically Feasible Reduction
MV	Motor vehicle
MVEG	Motor Vehicle Emission Group (EU)
MY	Model Year
N	
N ₂ O	Nitrous oxide
NA	Not applicable
NAAQS	National Ambient Air Quality Standards (USA)
NAC	NO _x Absorber Catalyst
NAIADES	Integrated European Action Programme for Inland Waterway Transport (EC DG MOVE)
NAICS	North American Industry Classification System
NAM	Normenausschuss Maschinenbau im DIN (DEU)
NAP	National Allocation Plan (ETS)

NAS	National Academy of Sciences (USA)
NAUTIBEL	Belgian Marine Industry Federation (BEL)
NB	Notified Body
NBB	National Biodiesel Board (USA)
NC	Network Code
NC LFC&R	Load Frequency Control & Reserves Network Code
NCD	NO _x Control Device
NCM	NO _x Control Malfunction
NCWM	National Council of Weights and Measures (USA)
NDEIM	Nonroad Diesel Economic Impact Model
NDIR	Non-Dispersive Infrared (Analyzer)
NDUV	Non-Dispersive Ultraviolet (Analyzer)
NEBEI	Network of Experts on Benefits and Economic Instruments
NEC	National emission ceilings
NECA	NO _x Emission Control Area (IMO MARPOL)
NECD	National Emission Ceilings Directive, 2002/81/EC (EU)
NEI	National Emission Inventory (USA)
NEN	The Netherlands Institute for Standardization (NLD)
NEPC	National Environment Protection Council of Australia (AUS)
NERI	National Environmental Research Institute of Denmark
NESHAP	National emission standards for hazardous air pollutants (US EPA)
NFR	Nomenclature for national reporting
NG	Natural Gas
NGO	Non-Governmental Organization
NGV	Natural Gas Vehicle
NH ₃	Ammonia
NHTSA	National Highway Traffic Safety Administration (USA)
NHV	Net Heating Value of Fuel (US)
NILU	Norwegian Institute for Air Research (NOR)
NIOSH	National Institute of Occupational Safety and Health (USA)
NIST	National Institute of Standards and Technology (USA)
NL	The Netherlands

NLD	The Netherlands
NLE	Non-Legislative Enactments - Interinstitutional Non-Legislative Procedure (EP)
NLEV	National Low Emission Vehicle (US)
NMC	Non-Methane Cutter
NMHC	Non-Methane HydroCarbons
NMMA	National Marine Manufacturers Association (USA)
NMOG	Non-Methane Organic Gases
NMT	Non-Motorized Transport
NMVOC	Non-methane volatile organic compounds
NO	Nitric oxide
NO ₂	Nitrogen dioxide
NO _x	Nitrogen oxides
NOMEVAL	Noise of Machinery – Evaluation of Directive 2000/14/EC
NOR	Norway
NORBOAT	The Norwegian Marine Federation (NOR)
NPACT	National Particle Component Toxicity Initiative (HEI)
NPRA	US National Petrochemicals and Refiners Association
NPRM	Notice of proposed rulemaking (USA)
NPV	Net Present Value
NR	Nonroad
NRA	National Regulatory Authority
NREL	National Renewable Energy Laboratory
NRLM	Nonroad, Locomotive and Marine diesel fuel
NRMM	Nonroad Mobile Machinery
NRTC	Nonroad transient cycle
NSAI	National Standards Authority of Ireland (IRL)
NSF	Norwegian Standards Association (NOR)
NSPS	New Source Performance Standards (USA)
NSR	New Source Review (US EPA)
NTC	NO _x Technical Code (IMO)
NTE	Not To Exceed
NTSEL	National Traffic Safety and Environment Laboratory (JPN)

NVFEL	National Vehicle and Fuel Emission Laboratory (US EPA)
NWIP	New Work Item Proposal (ISO)
O	
O&M	Operating and Maintenance
O ₃	Ozone
OAP	Office of Atmospheric Programs (US EPA)
OAPC	Ordinance on Air Pollution Control (CHE)
OAQPS	Office for Air Quality Planning and Standards (US EPA)
OAR	Office of Air and Radiation (US EPA)
OBD	On-Board Diagnostics
OCE	Off-Cycle Emissions
OCIMF	Oil Companies International Marine Forum
OECA	Office of Enforcement and Compliance Assurance (US EPA)
OECD	Organization for Economic Cooperation and Development
OEM	Original Equipment Manufacturer
OFCI	Offroad Compression Ignition
OFP	Ozone Forming Potential
OICA	International Organization of Motor Vehicle Manufacturers
OILPOL	International Convention fo the Prevention of Pollution by Oil
OJ	Official Journal of the European Communities (EU)
OMB	Office of Management and Budget (USA)
OMHCE	Organic Material Hydrocarbon Equivalent
OMT	Outboard Marine Fuel Tanks
ON	Austrian Standards Institute (AUT)
OPEA	Outdoor Power Equipment Association (AUS)
OPEI	Outdoor Power Equipment Institute (USA)
ORGALIME	European Engineering Industries Association
OTAG	Ozone Transport Assessment Group (US EPA)
OTAQ	Office of Transport and Air Quality (US EPA)
OTC	Ozone Transport Commission under the Clean Air Act (US EPA)
OTL	Onboard Diagnostic Threshold Limit

P

PADD	Petroleum Administration Districts for Defense
PAH	PolyAromatic Hydrocarbons
PBB	Polybrominated Biphenyls
PBDE	Polybrominated-Diphenyl-Ether
PBS	Panama Bureau of Shipping
PBT	Persistent, Bioaccumulative, Toxic Chemical Program (US EPA)
PCDD	Polychlorinated Dibenzodioxins
PDP	Positive Displacement Pump
PEER	Partnership for European Environmental Research
PEMS	Portable Emission Measurement System
PFD	Partial Flow Dilution
PFS	Partial Flow System
PHARE	Programme of assistance for the restructuring of the economies of Poland and Hungary, initially and now extended to other Central and East European countries
PIANC	World Association for Waterborne Transport Infrastructure / International Navigation Association
PINE	Prospects of Inland Navigation within the Enlarged Europe
PKN	Polish Committee for Standardization (POL)
PL	Poland
PLT	Production Line Testing
PM	Particulate Matter
PM ₁₀	Particulate Matter of size 10 microns or smaller in aerodynamic diameter, also referred to as inhalable particulate matter
PM _{2.5}	Particulate Matter of size 2.5 microns or smaller in aerodynamic diameter, also referred to as respirable particulate matter or fine particulate matter
PME	Pure Vegetable-Methyl-Ether
PN	Particulate Number
PNEUROP	European Committee of Manufacturers of Compressors, Vacuum Pumps and Pneumatic Tools
POL	Poland
POM	Polycyclic Organic Matter
PP	Public participation
PPAH	Pollution Prevention and Abatement Handbook (WORLD BANK)

ppb	Parts per billion
PPEMA	Portable Power Equipment Manufacturers Association (USA) (now integrated into OPEI)
ppm	Parts per million
PPR	Sub-Committee on Pollution Prevention & Response (IMO)
ppt	Parts per trillion
ppth	Parts per thousand
PRT	Portugal
PRTR	Pollutant Release and Transfer Register
PSD	Prevention of Significant Deterioration (US EPA New Source Review)
psi	Pounds per square inch
PSIP	Periodic Smoke Inspection Programme
PSR	Power Systems Research
PSSA	Particularly Sensitive Sea Areas (IMO)
PT	Portugal
PTD	Product Transfer Document
PTE	Potential to Emit
PTFE	Polytetrafluorethene (Teflon)
PTO	Power take-off
PWI	Preliminary Work Item (ISO)
PWIA	Personal Watercraft Industry Association (USA)
PZEV	Partial Zero Emission Vehicle (USA/CAL)

Q

QoL	Quality of Life
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R

R&D	Research and Development
R96	UNECE Regulation 96 (net power definition)
RACT	Reasonable Achievable Control Technology
RAD	Restricted Activity Day
RBSR	Regulation on Braking Systems Requirements under EU Regulation 167-2013 (Agricultural and Forestry Vehicles) (EU)
RCD	Recreational Craft Directive, 2003/44/EC (EU)

RDE	Real Driving Emissions (EU)
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals, Regulation No 1907/2006 (EU)
REC	Retrofit Emissions Control Devices (UNECE)
REPPR	Regulation on Environmental and Propulsion Unit Performance Requirements under EU Regulation 167-2013 (Agricultural and Forestry Vehicles) (EU)
REVIHAAP	Review of Evidence on Health Aspects of Air Pollution (WHO)
RFA	Regulatory Flexibility Act (USA)
RFC	Reference Concentration
RfG	Network Code Requirements for Generators
RFG	Reformulated gasoline
RFS	Renewable Fuel Standard (US EPA)
RheinSchUO	Rheinschiffsuntersuchungsordnung Rhine Vessel Inspection Regulation (RVIR)
RIA	Regulatory Impact Analysis
RIC	Reciprocating Internal Combustion
RICE	Reciprocating internal combustion engine
RIN	Regulatory Identifier Number
RINA	Registro Italiano Navale (ITA)
RINAVE	Registro Internacional Naval (ESP)
RIS	River information services
RIVM	Rijksinstituut voor Volksgezondheid en Milieuhygiene National Institute of Public Health and Environmental Protection (NLD)
RMC	Ramped Mode (Modal) Cycle
RME	Rape-Methyl-Ether
RMI	Repair and Maintenance Information (EU)
RO	Romania
ROG	Reactive Organic Gases
RoHS	Directive on the restriction of the use of hazardous substances in electrical and electronic equipment, 2002/95/EC (EU)
ROM	Romania
RON	Research Octane Number
rpm	Revolutions per minute
RS	Russian Maritime Register of Shipping (RUS)

RSG	Recreational Craft Sectoral Group (EU)
RSP	Resolutions on Topical Subjects (EP)
RTD	European Commission Directorate-General for Research and Innovation (EU)
RU	Russia
RUS	Russia
RVBR	Réglement de Visite du Bateaux du Rhin Rhine Vessel Inspection Regulation (RVIR)
RVCR	Regulation on Vehicle Construction Requirements under EU Regulation 167-2013 (Agricultural and Forestry Vehicles) (EU)
RVFSR	Regulation on Vehicle Functional Safety Requirements under EU Regulation 167-2013 (Agricultural and Forestry Vehicles) (EU)
RVG	Working Group Inspection of the Regulation Vessel Inspection Committee (CCNR)
RVIR	Rhine Vessel Inspection Regulation (CCNR)
RVP	Reid Vapour Pressure
RWE	Real World Emissions (Vehicles)

S

S	Sulphur
SAC	Standardization Administration of China (CHN)
SAE	Society of Automotive Engineers
SBA	Small Business Administration (USA)
SBAR	Small Business Advocacy Review
SBREFA	Small Business Regulatory Enforcement Fairness Act (USA)
SBT	Segregated Ballast Tank
SBV	Swiss Boatbuilders Association (CHE)
SC	Sub-Committee (ISO)
SCADA	Supervisory Control and Data Acquisition (Industrial Control System)
SCAQMD	South Coast Air Quality Management District (USA)
SCC	Standards Council of Canada (CAN)
SCFM	Standard cubic feet per minute
SCI	Small-scale combustion installation
SCIE	Small nonroad compression-ignition engines (below 37kW)
SCMCI	Association of Internal Combustion Engine Manufacturers (FRA)
SCR	Selected Catalytic Reduction

SDC	Sub-Committee on Ship Design and Construction (IMO)
SE	Sweden
SEA	Strategic environmental assessment
SEC	Stationary Engines Committee
SECA	Sulphur Emissions Control Area (IMO)
SECAPLAS	Association of Greek Marine Manufacturers (GRC)
SED	Solvent Emissions Directive (EU)
SEE	National Standards Authority of Luxembourg (LUX)
SEEMP	Ship Energy Efficiency Management Plan (IMO)
SEG	Stakeholder Expert Group (EU)
SEPA	State Environment Protection Administration (CHN)
SER	Small Entity Representative
SET	Supplementary Emission Test
SFS	Finnish Standards Association (FIN)
SFTP	Supplemental Federal Test Procedure
SG	Sub-Group
SHED	Sealed House for Evaporation Determination
SI	Slovenia
SIAM	Society of Indian Automotive Manufacturers (IND)
SIC	Standard Industrial Classification
SIP	State Information Plan (USA)
SIS	Swedish Standards Institute (SWE)
SIST	Slovenian Institute for Standardization (SVN)
SK	Slovakia
SLAR	Side-Looking Airborne Radar
SLO	Slovenia
SME	Small and medium enterprises
SMMT	British Society of Motor Manufacturers & Traders (GBR)
SNAME	Society of Naval Architects and Marine Engineers (USA)
SNAP	Selected nomenclature for air pollution
SNCR	Selective Non-Catalytic Reduction
SNG	Synthesis Gas or Substitute Natural Gas

SNV	Swiss Association for Standardization (CHE)
SO ₂	Sulphur dioxide
SO _x	Sulphur oxide
SOC	Statement of Compliance
SOCMI	Synthetic Organic Chemical Manufacturing Industry
SOE	State-of-the-environment
SOER	State of the Environment Report published by the European Environment Agency (EU)
SOF	Soluble Organic Fraction
SOLAS	The International Convention for Safety of Life at Sea (IMO)
SOME	Soy-Methyl-Ether
SOP	Statement of Principles
SORE	Small off-road engines (US EPA)
SOVC	Statement of Voluntary Compliance
SPA	Special Protection Areas
SPM	Suspended Particulate Matter
SSE	Sub-Committee on Ship Systems and Equipment (IMO)
SSI	Small off-road spark-ignition engines (CAN EPA)
SSIE	Small nonroad spark-ignition engines (below 19kW)
SSV	Subsonic Venturi
STAP	Science and Technology Advisory Panel
stds	Standards
STREP	Specific targeted research project
STTP	Strategic Transport Technology Plan (EU)
SULEV	Super-Ultra Low Emission Vehicle
SULTAN	Sustainable Transport Illustrative Scenario Tool (EU)
SUV	Sport Utility Vehicle
SUVA	Swiss Accident Insurance Organisation (CHE)
SV	Small Volume
SVK	Slovakia
SVM	Small Volume Manufacturers
SVN	Slovenia

SVO	Straight Vegetable Oil
SWD	Commission Staff Working Document (EU)
SWE	Sweden
SWEBOAT	Swedish Marine Industry Federation (SWE)
SwRI	Southwest Research Institute (USA)
SYBAss	Super Yacht Builders Association
SYKE	Environment Institute (FIN)

T

T&E	Transport & Environment
T ₉₀ /T ₉₅	Temperature at which 90 percent or 95 percent of a fuel evaporates
TA Luft	Technische Anleitung Luft First General Administrative Regulation pertaining the Federal Immission Control Act (Technical Instructions on Air Quality Control) (DEU)
TABD	Transatlantic Business Dialogue (EU-USA)
TAC	Toxic Air Contamination
TAF	Transient Adjustment Factor
TAME	Tert-Amyl Methyl Ether
TAP	Transboundary air pollution
TARMAKBIR	Tarım Alet ve Makinaları İmalatçıları Birliği / Turkish Association of Agricultural Machinery and Equipment Manufacturers (TUR)
TAS	Type-Approval Standard
tba	To be agreed
tbc	To be confirmed
TC	Technical Committee (ISO)
TC70	Technical Committee on Internal Combustion Engines (ISO)
TC70/SC8	Sub-Committee on Exhaust Gas Emission Measurement (ISO)
TCDD	Dioxin (Tetrachlorodibenzo-p-dioxin)
TCE	Trichloroethylene
TCM	Transportation Control Measure
TCMV	Technical Committee Motor Vehicles (EU)
TDG	Transport of Dangerous Goods (UNECE)
TEC	Treaty Establishing the European Community = 1958 Treaty of Rome (EU)
TechRev	Technical review (Nonroad Mobile Machinery Directive) (EU)

TEN	Trans-European Networks
TEU	Treaty on European Union = 1993 Treaty of Maastricht (EU)
TF	Task Force
TFEU	Treaty on the Functioning of the European Union = previous Treaty Establishing the European Community (TEC) (EU)
THC	Total Hydrocarbon
TL	Türk Loydu (TUR)
TLEV	Transitional Low-Emission Vehicle
TMA	North American Truck Manufacturers Association
TOC	Total Organic Carbon
toe	Tonnes of oil equivalent
TOR	Transit-Oriented Development
TPEM	Transition Program for Engine Manufacturers
tpy	tonnes per year
TR	Turkey
TRAN	European Parliament Committee on Transport and Tourism (EU)
TRANSPHORM	Transport-related Air Pollution and Health Impacts - Integrated Methodologies for Assessing Particulate Matter (EU FP7)
TRENDS	Transport and Environmental Database System
TRI	Toxic Release Inventory (TRI)
TRWP	Airborne Tyre and Road Wear Particles
TSAP	Thematic Strategy on Air Pollution (EU)
TSE	Turkish Standards Institute (TUR)
TSI	Technical Specification for Interoperability
TSO	Transmission System Operator
TSP	Total Suspended Particles
TUR	Turkey
TUV	Technischer Überwachungsverein e.V. (DEU)
TWC	Three Way Catalyst
TWG	Technical Working Group

U

UAF	Upward Adjustment Factor
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UBA	Environmental Protection Agency (DEU, AUT)
UCINA	Marine Industry Association (ITA)
UCL	Upper Confidence Level / Limit
UEPA	European Union of Ethanol Producers
UFM	Ultrasonic Flow Meter
UFP	Ultrafine Particles
UIC	International Union of Railways
UK	United Kingdom
UKR	Ukraine
ULEV	Ultra-Low Emission Vehicle
ULSD	Ultra Low Sulfur Diesel
UN	United Nations
UNACOMA	Italian Farm Machinery Manufacturers Association (ITA)
UNCED	United Nations Conference on Environment and Development
UNDA	UN Development Account (UN)
UNDP	United Nations Development Programme
UNDRO	United Nations Disaster and Relief Organization
UNECE	United Nations Economic Commission for Europe
UNEP	United Nations Environment Programme
UNFCC	United Nations Framework Convention on Climate Change
UNFCCC	United Nations Framework Convention on Climate Change
UNI	Italian Organization for Standardization (ITA)
UNIFE	Union of European Railway Industries
UNITAR	United Nations Institute for Training and Research
URBAIR	Urban Air Quality Management Strategy in Asia
US EPA	US Environmental Protection Agency
US GAO	US General Accounting Office
USA	United States of America
USC	University of California
USCG	United States Coast Guard (USA)
USDA	US Department of Agriculture

V

VBW	Association for European Inland Navigation and Waterway
VDMA	German Engineering Federation (DEU)
VECC	Vehicle Emissions Control Center (CHN)
VELA	Vehicle Emissions Laboratories (EC JRC)
VENW	Ministry of Transport, Public Works and Water Management (NLD)
VIV	Netherlands IC Engines Importers Association (NLD)
VLSY	Value of Statistical Life-Years
VMP	Value of Marginal Product
VMT	Vehicle miles travelled
VNSI	Netherlands Shipbuilding Industry Association (NLD)
VOC	Volatile organic compounds
vol%	percent by volume
VP	Vapor Pressure
VRDM	Ministry of Housing, Spatial Planning and the Environment (NLD)
VSL	Value of a Statistical Life
VT SHED	Variable Temperature SHED (Sealed House for Evaporation Determination)
VTT	Technical Research Centre of Finland (FIN)
VVT	Variable Valve Timing

W

WADE	World Alliance for Decentralized Energy
WBCSD	World Business Council for Sustainable Development
WBG	World Bank Group
WD	Working Draft (ISO)
WDR	World Bank Development Report
WEEE	Directive on waste electrical and electronic equipment, 2002/96/EC (EU)
WFD	Water Framework Directive, 2000/60/EC (EU)
WG	Working Group
WGSR	Working Group on Strategies and Review under the Executive Body for the Convention on Long-Range Transboundary Air Pollution (UNECE)
WHDC	Worldwide Heavy-Duty Certifications procedure
WHO	World Health Organization

WHSC	Worldwide Heavy-Duty Steady-State Cycle (UNECE)
WHTC	Worldwide Heavy-Duty Transient Cycle (UNECE)
WI	Wobbe Index
WP.29	Working Party on the Construction of Vehicles of the UNECE Inland Transport Committee, renamed into: World Forum for Harmonization of Vehicle Regulations
WP.3	Working Party on Inland Water Transport of the UNECE Inland Transport Committee
WRA	World Refining Association
WSC	World Standards Cooperation
wt%	Percent by weight
WTP	Willingness To Pay
wtpm	Parts per million by weight
WTW	Well-to-Wheel
WVO	Waste Vegetable Oil
WWF	World Wide Fund for Nature
WWFC	Worldwide Fuel Charter (ACEA)
WWH	Worldwide Harmonised

X

Y

YOLL	Years of Life Lost
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Z

ZEV	Zero Emission Vehicle
ZHL	Zero-Hour Emission Level