
GLOSSARY OF TECHNICAL TERMS

This glossary of technical terms contains definitions of certain terms used in this document in connection with our Company and our business. The terms and their meanings may not always correspond to standard industry meaning or usage of these terms and may not be directly comparable to similarly titled terms adopted by other companies operating in the same industries as our Company.

“anode materials”	materials used in the battery’s negative electrode to store charge carriers (e.g., lithium ions in new energy battery) during charging
“COD”	chemical oxygen demand, a measure of the amount of oxygen required to chemically oxidize organic and inorganic substances in water, used as an indicator of water quality and the level of pollutant concentration in wastewater discharged from manufacturing processes
“CT”	computed tomography, a medical imaging technique that uses computer-processed combinations of multiple X-ray measurements taken from different angles to produce cross-sectional images of internal organs, bones, soft tissues and blood vessels
“DSA”	digital subtraction angiography, a fluoroscopic imaging technique used to visualize blood vessels by digitally subtracting a pre-contrast image from subsequent contrast-enhanced images, thereby isolating vascular structures for diagnostic and interventional purposes
“electrolyte”	the medium that transports ions between the positive and negative electrodes
“energy storage battery”	a device that stores electrical energy for later use
“ERP”	enterprise resource planning
“ESD”	electrostatic discharge
“ESDA”	the Electrostatic Discharge Association
“FDA”	the U.S. Food and Drug Administration
“GFA”	gross floor area
“GHG”	greenhouse gas
“GWh”	Gigawatt-hours, a unit of electric energy, 1 GWh = 1 billion Wh
“hybrid solid-liquid battery”	a type of battery that uses a combination of solid and liquid electrolyte materials
“IATF”	the International Automotive Task Force, a coalition of automotive manufacturers and trade associations dedicated to establishing global quality standards for the automotive industry
“IATF 16949”	international standard for automotive industry quality management system, which is developed by IATF and submitted to ISO for approval and publication
“ICT”	information and communications technology
“ILiA”	the International Lithium Association

GLOSSARY OF TECHNICAL TERMS

“ISO”	the International Organization for Standardization, an independent, non-governmental organization that develops and publishes international standards
“ISO 14001”	the international standard for an Environmental Management System
“ISO 45001”	the international standard for Occupational Health and Safety Management Systems
“ISO 50001:2018”	the international standard that provides a framework for establishing, implementing, maintaining, and improving an Energy Management System
“ISO 9001”	the globally recognized standard for Quality Management Systems
“LCD”	liquid-crystal display, a flat-panel display or other electronically modulated optical device that uses the light-modulating properties of liquid crystals combined with polarizers
“LFP battery”	a lithium-ion battery that uses lithium iron phosphate (LiFePO_4) as the cathode material
“LIMS system”	laboratory information management system
“lithium carbonate”	a compound of colorless monoclinic crystal or white powder that can be dissolved in dilute acid and is commonly used for lithium-ion battery materials
“lithium concentrate”	lithium mineral feedstock processed from lithium ore and to be consumed directly or used for manufacturing lithium compounds and derivatives
“lithium hydroxide”	a compound that is commonly used for lithium-ion battery materials
“lithium-ion battery”	rechargeable batteries that utilize lithium ions as conductive ions that move between the anode and cathode, and charge and discharge through the mutual conversion of chemical energy and electrical energy
“MDL”	Medical Device License issued by Health Canada
“MDR”	Medical Devices Regulation of the European Union
“MES”	manufacturing execution system
“MRI”	magnetic resonance imaging, a type of medical imaging technique to visualize detailed internal structure by making use of the property of nuclear magnetic resonance to image the nuclei of atoms inside the body
“NCA”	nickel-cobalt-aluminum ($\text{Li}(\text{Ni}_x\text{Co}_y\text{Al}_z)\text{O}_2$) ternary materials, which can be used as cathode materials for high specific energy density batteries
“NCM”	nickel-cobalt-manganese ($\text{Li}(\text{Ni}_x\text{Co}_y\text{Mn}_z)\text{O}_2$) ternary materials, which can be used as cathode materials for high specific energy density batteries
“NVR”	non-volatile residues, that remain after volatile components such as solvents and water are completely evaporated or removed under specified test conditions

GLOSSARY OF TECHNICAL TERMS

“OCA”	optically clear adhesive, a transparent adhesive used to bond optical components, such as touch panels, display modules, and cover lenses, without affecting light transmission
“OEM”	original equipment manufacturer
“PCF”	product carbon footprint
“power batteries”	batteries that provide power for electric vehicles and other transportation applications
“ppb”	part per billion
“QC”	quality control
“RMAP”	the Responsible Minerals Assurance Process, an independent, third-party audit and assurance program administered by the RMI
“RMI”	Responsible Minerals Initiative, one of the most utilized and respected resources for companies from a range of industries addressing responsible mineral sourcing issues in their supply chains
“solid-state battery”	a type of rechargeable lithium-ion batteries that use solid-state electrolyte
“sq.m.”	square meter(s)
“ternary battery”	a type of lithium-ion battery that uses a ternary cathode material composed of three principal metallic elements, such as nickel, cobalt and manganese
“ton”	metric ton
“UNICEF”	the United Nations Children’s Fund
“VOC”	volatile organic compounds, organic chemicals that easily evaporate and contribute to air pollution, requiring strict control to protect health and the environment
“WHO”	the World Health Organization
“WHO PQS”	performance, quality and safety process from World Health Organization that prequalifies products and devices
“WRI”	the World Resources Institute