

## ABBREVIATIONS AND SYMBOLS

Chemical manganese dioxide	CMD
Electrolytic manganese dioxide	EMD
Grams per kilogram	g/Kg
Kilogram per ton	Kg/t
Metric ton	mt
Ethylenediaminetetraacetic acid	EDTA
Gram per liter	g/L
Ton per year	t/year
Micrometer	$\mu\text{m}$
Kilowatt-hour per kilogram	KWh/Kg
Transmission electron microscopy	TEM
Milligram per kilogram	mg/Kg
Milligram per day	mg/day
Microgram per liter	$\mu\text{g/L}$
Nanogram per Cubic meter	$\text{ng/m}^3$
Milligram per Cubic meter	$\text{mg/m}^3$
Manganese	Mn
Manganese Effluent	ME
Manganese Effluent ten times dilution	ME <sub>10</sub>
Manganese Effluent hundred dilution	ME <sub>100</sub>
Process Flow Diagram	PFD
Milligram	mg
Per	/
X-ray diffraction spectrometer	XRD
X-ray Fluorescence Spectrometer	XRF
Cubic meter	$\text{m}^3$
Chromium	Cr
Degree Centigrade	$^{\circ}\text{C}$
Equation(s)	Eq(s).
And others	<i>et al</i>
For example	e.g.

Thermogravimetric analyses	TGA
That is	i.e.
Gram	g
Iron	Fe
International Manganese Institute	IMnI
Kilogram	Kg
Kilo Watt hour	kWh
Kilometers	Kms
Liters	L
Methylcyclopentadienyl Manganese Tricarbonyl	MMT
Millie Liter	ml
Mille gram	mg
Millimeter	mm
Mercury	Hg
Metric ton	mt
Microgram	$\mu$ g
Milligram	mg
Micro meters	$\mu$ m
Namely	Viz.
Nanometer	nm
Nanogram	ng
Nickel	Ni
Parts per million	ppm
Per	/
Scanning Electron Microscope	SEM
ton	t
Ultraviolet	UV
US Geological Survey	USGS
Versus	<i>vs</i>
Weight	Wt
Precipitate	ppt