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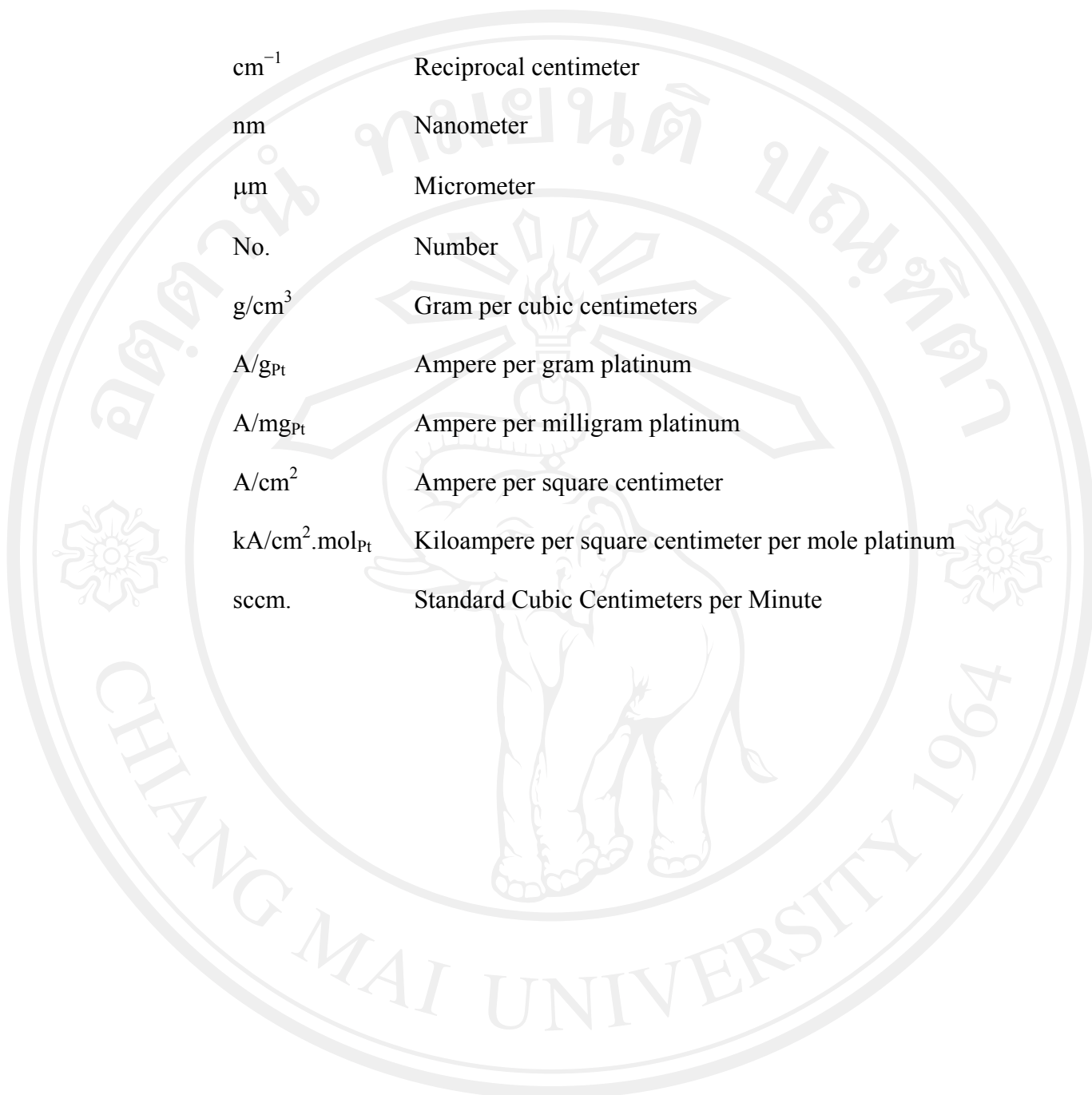
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ABBREVIATIONS AND SYMBOLS

PEMFC	Proton exchange membrane fuel cell
PDA	Personal Digital Assistant
GDL	Gas Diffusion Layer
MEA	Membrane and Electrode Assembly
OCV	Open Circuit Voltage
FTIR	Fourier Transform Infrared Spectroscopy
XRD	X-Ray Diffraction
SEM	Scanning Electron Microscopy
EDS	Energy Dispersive Spectroscopy
TEM	Transmission Electron Microscopy
XAS	X-ray Absorption Spectrometry
CV	Cyclic Voltammetry
SAD	Selected Area Electron Diffraction
Pt/C	Platinum on carbon supported
E^0	Standard reduction potentials
$^{\circ}\text{C}$	Degree Celcius
STD	Standard
V	Voltage
W	Watt
M	Molar
MHz	Megahertz
C cm^{-2}	Coulomb per square centimeter



cm^{-1}	Reciprocal centimeter
nm	Nanometer
μm	Micrometer
No.	Number
g/cm^3	Gram per cubic centimeters
A/g_{Pt}	Ampere per gram platinum
A/mg_{Pt}	Ampere per milligram platinum
A/cm^2	Ampere per square centimeter
$\text{kA/cm}^2 \cdot \text{mol}_{\text{Pt}}$	Kiloampere per square centimeter per mole platinum
sccm.	Standard Cubic Centimeters per Minute

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