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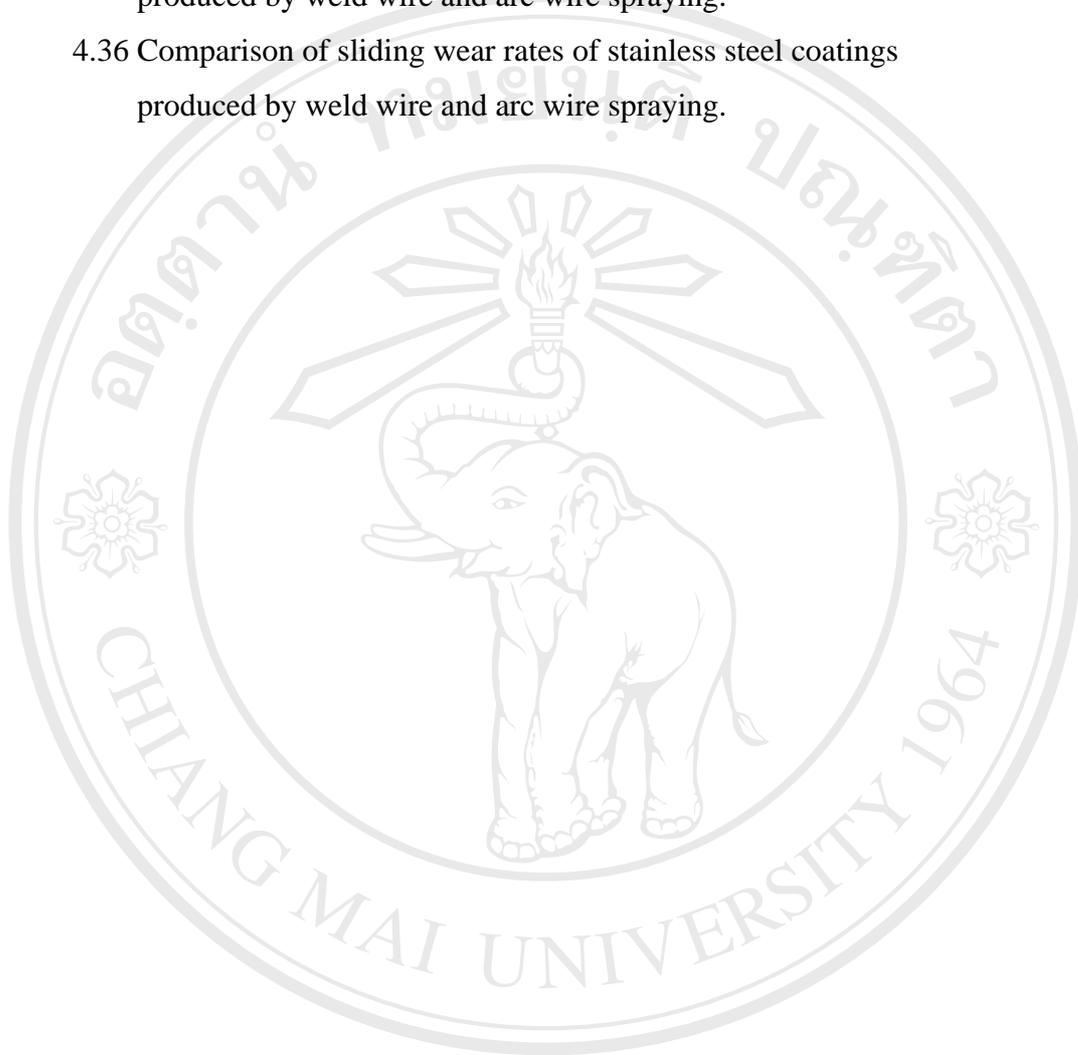
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ABBREVIATIONS AND SYMBOLS

μm	micrometer
AISI	american iron and steel institute
AS	Arc Spraying
ASTM	american society for testing and materials
Avg	average
BSE	backscattered electron-scanning electron microscope
C	carbon
Cr	chromium
D-gun TM	Detonation Gun
Fe	iron
FS	Flame Spraying
HV	Vickers Number
HVOF	High Velocity Oxy-Fuel
kPa	kilopascal
LPSP	Low Pressure Plasma Spraying
mg	milligram
mm	millimeter
Mo	molybdenum
Ni	nickle
O	oxygen
OM	Optical Microscope
R^2	coefficient of determination
SEM	Scanning Electron Microscope
Si	silicon
SD	Standard deviation