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Symbols

CV  Coefficient of Variation
D   Dilution (%)
DC  Direct Current (A)
$E_{\text{corr}}$  Corrosion potential (mV)
$E_o$  Open circuit potential (mV)
$E_p$  Pitting potential (mV)
F   Powder feed rate (g/min)
H   Oscillation frequency
HI  Heat Input (kJ/cm)
I   Welding current (Amps)
lpm litres per minute
N   Torch standoff distance (mm)
P   Penetration (mm)
R   Reinforcement (mm)
$R^2$  Determination coefficient
S   Travel speed (mm/min)
TA  Total Area (mm$^2$)
$T_N$  Nitriding temperature (°C)
$T_S$  Soaking time (°C)
T   Nitrided layer thickness (µm)
V   Welding voltage (V)
VHN Vickers Hardness Number (VHN)
W   Width of clad bead (mm)
Y   Response
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<td>American Iron and Steel Institute</td>
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<td>ASTM</td>
<td>American Society for Testing and Materials</td>
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