

Thin-Plate Weir Evaluation

Evaluation Parameter	Scale		
Range	<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Fair	<input type="checkbox"/> Good
Accuracy	<input type="checkbox"/> Poor ($>5\%$)	<input checked="" type="checkbox"/> Average ($\pm 2-5\%$)	<input type="checkbox"/> Good ($\pm 1\%$)
Flow effects on accuracy	<input type="checkbox"/> Slight	<input checked="" type="checkbox"/> Moderate	<input type="checkbox"/> High
Submerge or backwater effects	<input type="checkbox"/> Low ($S_t > 85\%$)	<input type="checkbox"/> Moderate ($S_t 51\%-84\%$)	<input checked="" type="checkbox"/> High ($S_t 0-50\%$)
Effects on solids movement	<input type="checkbox"/> Slight	<input type="checkbox"/> Moderate	<input checked="" type="checkbox"/> High
Flow obstruction	<input type="checkbox"/> Slight	<input type="checkbox"/> Moderate	<input checked="" type="checkbox"/> High
Head Loss	<input type="checkbox"/> Low	<input type="checkbox"/> Moderate	<input checked="" type="checkbox"/> High
Manhole operation	<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Fair <i>(requires large diameter manholes to accommodate moderate flows)</i>	<input type="checkbox"/> Good
Site requirements	<input type="checkbox"/> Slight	<input checked="" type="checkbox"/> Moderate	<input type="checkbox"/> High
Installation limitations	<input type="checkbox"/> Slight	<input checked="" type="checkbox"/> Moderate	<input type="checkbox"/> High
Simplicity and reliability	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good
Maintenance requirements	<input type="checkbox"/> Low	<input type="checkbox"/> Moderate	<input checked="" type="checkbox"/> High
Adverse ambient effects	<input type="checkbox"/> Slight	<input checked="" type="checkbox"/> Moderate	<input type="checkbox"/> High
Ruggedness	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good
Self contained	<input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes
Precalibrated	<input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes
Ease of calibration	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good
Maintenance of calibration	<input checked="" type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good
Adaptability	<input checked="" type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good
Cost	<input checked="" type="checkbox"/> Low	<input type="checkbox"/> Moderate	<input type="checkbox"/> High
Portability	<input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes