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The
**Obvious
Choice**
for your
**Corrosion
Detection**
needs

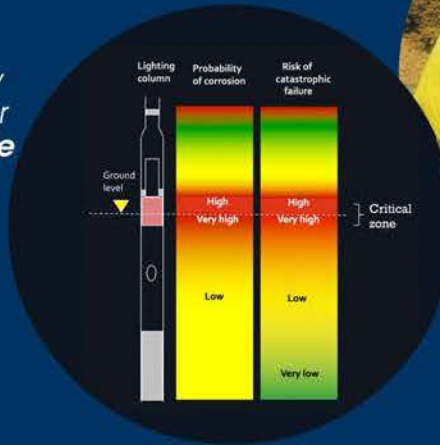


RLS™ Technique

UKAS Accredited in UK
Steel Columns
Corrosion Detection

Accuracy
Safety
Cost Saving
Efficiency

Research shows the area, namely **Critical Zone**, at just above and below ground is where loss is predominant for most corrosion conditions. **Critical Zone** is characterized for its highest risk of failure found by renowned bodies of ILE, TRL, DNV, TUV-SUD-PSB, NTU. RLS™ Technique tests the entire mass of the Critical Zone.



RLS™ computer management system enables cost efficiency and maintenance management for **precise budgeting**.

RLS™ Technique is **non-destructive** and applicable to testing steel columns planted in asphalt/concrete pavement/turf grounds without the need to excavate, and is unlimited to column geometry/size.



Replacing lighting column upon certain lifespan regardless of its condition is a wasteful practice. RLS™ Technique can **accurately quantify corrosion level** and provide precise recommendation for necessary replacement and schedule for next test.

RLS™ recommendation matrix combines inputs of LSU and visual inspection to **facilitate asset management** in terms of replacement and next test.

RLS™ Technique

The Obvious Choice



RLS™ Testing		Visual Inspection Category				
Class	LSU	A	B	C	D	E
1	0 to -10	Retest in 4 years	Retest in 2 years	Retest in 1 year		
2	-11 to -16	Retest in 2 years		Retest in 1 year		Replace within 1 year
3	-17 to -24	Replace within 3 months				
4	-25 to -50	Replace within 1 month				
5	> -50	Replace immediately				

RLS™ Technique measures loss of section unit (LSU), is a scientific test for detecting hidden corrosion to prevent catastrophic failure and **eliminate danger** to properties and people due to fallen streetlight column.