

PERFORMANCE IMPROVEMENT SCHEME (PIS) FOR REGISTERED EXCAVATOR OPERATOR (REO)
LIST OF VIOLATIONS & PENALTIES

ITEM	VIOLATION		PENALTY
1		<p>Operating excavator which resulted in the damage of:</p> <p>i) 400kV / 230kV / 66kV Electricity Cable**</p> <p>ii) 22kV / 6.6kV Electricity Cable**</p> <p>iii) LV Electricity Cable**</p> <p>iv) Gas Transmission Pipeline (3 bar (TG) / 28 bar / 40 bar)</p> <p>v) Gas Medium Pressure Pipeline (3 bar – 7 bar)</p> <p>vi) Gas Low Pressure Pipeline (2 kPa / 20 kPa / 50 kPa)</p>	<p>i) Revocation of REO pass for 1 year</p> <p>ii) Damage causing either a Supply Outage or Voltage Dip: Revocation of REO pass for 6 months</p> <p>Damage not causing a Supply Outage or Voltage Dip: 20 demerit points</p> <p>iii) Damage causing either a Supply Outage or Voltage Dip: 15 demerit points</p> <p>Damage not causing a Supply Outage or Voltage Dip: 10 demerit points</p> <p>iv) Revocation of REO Pass for 1 year</p> <p>v) Damage causing either a Supply Interruption or Leak: Revocation of REO Pass for 6 months</p> <p>Damage not causing a Supply Interruption or Leak: 20 demerit points</p> <p>vi) Damage causing either a Supply Interruption or Leak: 15 demerit points</p> <p>Damage not causing a Supply Interruption or Leak: 10 demerit points</p>
2	<p>A)</p> <p>B)</p> <p>C)</p> <p>D)</p> <p>E)</p>	<p>Attempt by REO to tamper or repair damaged Cable / Gas pipe</p> <p>Using excavator to excavate beyond the premix / hard core surface layer</p> <p>Using excavator to excavate beyond the level of Cable / Gas pipe ID Marker / PVC Slab / Concrete Slab</p> <p>Carrying out mechanical excavation / piling works without close supervision by a full-time site supervisor</p> <p>Carrying out mechanical excavation / piling works without referring to SPPG Gas plan or LCDW Detection Drawing & SPPG Cable plan</p>	<p>A) Revocation of REO Pass for 1 year</p> <p>B) Suspension of REO pass for 3 months</p> <p>C) Suspension of REO Pass for 1 year</p> <p>D) 15 demerit points</p> <p>E) 10 demerit points</p>

	F)	Using excavator that puts Cable / Gas pipe at risk of damage by dumping debris / sharp object / concrete trash or placing heavy object on top of Cable / Gas Pipe	F) 15 demerit points
	G)	Failure to report to SP PowerGrid Ltd – Electricity Service Centre on any discovery of Cable damage or to Gas Customer Service Centre on any discovery of Gas pipe damage	G) 10 demerit points
	H)	Taking instruction from unauthorised parties to excavate	H) 10 demerit points
3	A)	Tampering with REO pass / Transferring REO pass for others to use	A) Revocation of REO Pass for 1 year
	B)	Using expired registration pass	B) Suspension of REO Pass renewal for 3 months
	C)	Failure to report loss of REO pass to SP PowerGrid Ltd	C) 10 demerit points
	D)	Failure to show REO pass on request	D) 10 demerit points
4		Accumulation of 25 demerit points within 12 months	Suspension of REO Pass for 6 months
5		Committed <u>Two</u> Violations on separate incidents within 6 months	Suspension of REO Pass for 6 months*

Last revised on 4 Nov 2022

Note: When a pass is revoked, retraining and application for a new pass is only allowed after the period of revocation.

*REO is required to complete serving the suspension period for the prior violation(s) before serving the suspension period for this violation. This penalty is not applicable if the REO pass is revoked for the second violation.

**Under the Electricity Act (Chapter 89), “electricity cable” means a length of insulated single conductor or of 2 or more such conductors, whether or not the conductor or conductors are provided with an overall covering for mechanical protection, and —

(a) all other apparatus or devices connected to the conductor or conductors, as the case may be (including by any remote or wireless means); and

(b) any data communication cable used to monitor or control the transmission of electricity.