

Insulation resistance monitoring device record form

For Work Instruction No NR/FP C021 and NR/FP C022

Work Order Number	Location
Date	Site ID
Portable test set serial number	

Note: IRD01, IRD02 and IRD03 are the codes used in Ellipse

System Reading	IRD01	kΩ	Alarm Activated	Yes/ No
System Settings	Alarm 1 Setting IRD02	kΩ	Alarm 2 Setting IRD03	kΩ
Weather Conditions as defined in weather recording options table		Visual Insp		
Ground Conditions as described in the ground recording options table		Visual Insp		
Activated alarm details:				
Is action required in accordance with threshold level table Yes/No				

Weather recording options

HOT (> 21 deg C)	MILD	COLD (< 8 deg C)
Dry	Dry	Dry
Wet	Wet	Wet
Raining	Raining	Raining / Snowing

From NR/GN/ELP/27318

Ground recording options

Waterlogged
Wet
Damp
Dry

Table Q.1 lists insulation resistance thresholds and action that shall be taken for in-service installations where installation specific trend data is not available.

Insulation Resistance Reading	Required Action
500 kΩ to 100 kΩ inclusive	Increase monitoring regime and implement planned intervention regime to identify the root cause of the low reading.
100 kΩ to 20 kΩ inclusive	Identify cause of failure and carry out appropriate corrective action(s) within 6 weeks
20 kΩ and below	Identify cause of failure and carry out immediate corrective action(s).

Table Q.1

From NR/L2/ELP/27238