

Verification (inspection and testing) of an electrical installation

Section-2

Supply characteristics and earthing arrangement

(Initial and periodic inspection of an existing installation up to 1000 V AC and 1500 V DC)

Section-1

Mains incoming

System earthing: wefwfderf

Brief note (in case of confusion): fffffewfwef

Number and type of live conductors: efeef

Brief note: referfer

AC reerferer

Nature of supply parameters	R-Y	R-B	Y-B	R-N	Y-N	B-N	R-PE	Y-PE	B-PE
Nominal voltage U/U0 (V)	12.00	1.20	12.31	1.00	NA	434.00	3434.00	NA	3434.00
Nominal Frequency f (HZ)	12.00	1.20	12.31	1.00	NA	NA	3434.00	NA	3434.00
Prospective fault current I _{pfc} (kA)	12.00	1.20	12.31	1.00	12.00	NA	NA	344.00	3434.00
External Loop Impedance Z _e (Ω)	12.000	1.200	12.310	1.000	12.000	434.000	NA	344.000	NA

Incoming (supply) protective device characteristics

Type of Over Current Protective Device: 45,45,4565

Rated current (A): erferferf

Current for disconnection with in 0.2 seconds:

erferferf

Section-2

Alternative source of supply

Availability of alternate supply:

true

Number of alternate sources of supply:

true

Alternate supply no

ferferferfe

Short name of alternate supply:

ferferferferf

System earthing:

ferfefrefr

Number and type of live conductors:

grtgrtgrtgt

Brief note:

ghthrtgrt

AC

grtgrtgrtg

Nature of supply parameters	R-Y	R-B	Y-B	R-N	Y-N	B-N	R-PE	Y-PE	B-PE
Nominal voltage U/U0 (V)	234.53	235.12	2.40	23.00	412.00				
Nominal Frequency f (HZ)	234.53	235.12	2.40	23.00	412.00				
Prospective fault current Ipfc (kA)	234.53	235.12	2.40	23.00	412.00				
External Loop Impedance Ze ()	234.530	235.120	2.399	23.000	412.000				

InstalledCapacity

ergertetrt

Actual Load Current (R,Y,B, N)

ertete

Incoming (supply) protective device characteristics

Type of Over Current Protective Device:

Rated current (A):

rtetetre

Current for disconnection with in 0.2 seconds:

rteterhngyn

Brief note (in case of confusion):

rgrtgrgrgerg

Alternate supply no

Short name of alternate supply:

System earthing:

fggtyhtyututu

Number and type of live conductors:

ertrhyjhyuj

Brief note:

dfrfrsdrf

DC

wewqedwefsf

Incoming (supply) protective device characteristics

Type of Over Current Protective Device:

Rated current (A):

refrerferf

Current for disconnection with in 0.2 seconds:

erferfre

Brief note (in case of confusion):

ertertrerte

Section-3

Particulars of installation referred in the report

Maximum demand kVA: rferferfre

Maximum load: rfererf

Means of earthing : rfefrerfef

Type of earth electrode : fererferref

Material of earth electrode : v

No of Locations :

Location No	Location Name	Electrode resistance to earth in ()	Electrode resistance to grid ()
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Section-4

Details of main protective conductor

Size of earthing conductor : rferferferf

Material of earthing conductor : rferferfre

Earthing conductor continuity and connection verified : true

Size of main protective bonding conductor : rferferfre

Material of main protective bonding conductor : rferferferf

Main protective bonding conductor continuity and connection verified : true

Type of joints (impairing safety) : rferferf

No of joints :

Location	Joint No	Joint resistance ()
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Size of main protective earthing conductor: ferferfef

Material of main protective earthing conductor: erferferf

Main Protective Conductor continuity and connection verified: true

Type of Joints: erferferf

No of Joints:

Location	Joint No	Joint resistance ()
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Section-5

Details of main switch or circuit breaker

<i>Location:</i>	erfegthythyjh
<i>Type:</i>	tyhtyjyukukiu
<i>No of poles:</i>	uikuikuiku
<i>Current Rating:</i>	ikuikliolijk,mgyhdrdf
<i>Voltage Rating:</i>	efwedwedwe
<i>Fuse Rating or Settings:</i>	dwedwedwefrthythyu
<i>Rated residual operating Current In:</i>	efrereerwedqdwad
<i>Rated residual operating time @In Tn:</i>	dfgrtyhtutyjyujukioipp
<i>Location:</i>	dfgererf
<i>Type:</i>	erererer
<i>No of poles:</i>	sfdfdrgtrgtgt
<i>Current Rating:</i>	trtrtrtrtrt
<i>Voltage Rating:</i>	rtrrytujuiololiukukujy
<i>Fuse Rating or Settings:</i>	ewewewewewe
<i>Rated residual operating Current In:</i>	wewewew
<i>Rated residual operating time @In Tn:</i>	weweweghyuoiupupoi