



Electrical Safety Delivery

Single Approach to Isolations

High Voltage Isolation and Earthing Certificate (HVIEC) – What a Good One Looks Like (WAGOLL)

Created: 04 September 2025

Updated: 12 September 2025

Simpler. Better. Greener. Name of Nominated Person who is issuing Form B

Sponsor company of Nominated Person who is issuing Form B

Brief description of what the HVIEC is for

Delete if required what is not applicable *

Details of the apparatus that have been opened as part of this isolation (not the points of isolation)

The point of isolation that the Level A has opened and is assuring is open, locked & caution notice applied

Details of apparatus that is earthed

The point where the safety earth that the Level A has applied

Signed by Level A (issuer), time and date of issue, details given to ECR

Unique number can be preprinted on the form or made up by the Level A

21067/IEC¶

HIGH-VOLTAGE-ISOLATION-&-EARTHING-CERTIFICATE

п
CERTIFICATE·NO: .IEC219825
THIS-IS-NOTA-PERMIT-TO-WORK-OR-SANCTION-FOR-TEST-OR-OLE-PERMIT-TO-WORK
1.0→ISSUE¤
Issued to Tony Baldi of Network Rail
for the purpose of working on trackside disconnector 517/1 at
Dunton Feeder Station
¶ I-hereby-certify-that-the-following-apparatus-has-been-OPENED* ISOLATED *·SAFETY-LOCK-
and CAUTION-NOTICE-applied:
Disconnector·DN/517/A·and·Trackside·disconnector·517/1·
<u></u>
п
Points-of-isolation-are
Disconnector·DN/517/A·at·Dunton·Feeder·Station· =
/¤
l'hereby-certify-that-the-following-apparatus-has-been- <u>FARTHFD:</u>
High: Voltage: feeder: cable: between: disconnector: DN/517
and Trackside disconnector 517/1
Points-of-earthing-are
The · Circuit · Breaker · DN/517 · has · been · closed · to · Circuit · Main · Earth · =
With padlock and caution notice applied at Dunton Feeder Station =
π
Signed Print: R. Lawrence Time: 08:07hrs Date: 27/08/2025
Non-behalf-of: Network-Rail(employer)¤
¶

OFFICIAL

A reference number based on the OLE earthed isolation that the HVIEC is issued against, in this case the ERAF reference number

I-hereby-acknowledge-receipt-of-this-certificate-and-key-safe-no... 1A.

of testing (under an issued Sanction for Test only).

I understand that any of the above earths may be removed at my request for the purpose

Signed: ... b...aldi Print: Tony Baldi-a Time: ... 08:30... a Date: 27/08/2025 a

I-hereby-declare-that-I-accept-the-responsibility-of-this-certificate-and-have-fully-understood-the-

I-hereby-declare-that-all-relevant-Electrical-Safety-Documents-issued-are-now-cancelled-and-all-additional-EARTHS-and-persons-under-my-control-have-been-withdrawn.¶

*Variation to the return of earthing shall only be valid following cancellation of a Sanction .

Issue-1-02-December-2023-¶

Points-of-EARTHING-are-as-detailed-in-Section-1-with-the-following-exceptions*:x

I-hereby-declare-that-this-CERTIFICATE-is-now-cancelledx

On-behalf-of:(employer)x

I-have-handed-over-the-responsibility-of-this-certificate-to.....

2.0→RECEIPT¤

3.0·TRANSFER¤

4.0·RETURN¤

for-Test.¤

5.0. CANCELLATION □

NetworkRail

Substation Key
Safe key number

Signed as accepted by Nominated Person, with time & date

* 21067 defines isolated as: Equipment (or part of an electrical system) which is disconnected & separated by a safe distance (the isolating gap) from all sources of electrical energy in such a way that the disconnection is secure. A circuit breaker is not a point of isolation.

Level A to take a photograph of the HVIEC and email to ECR

If the overhead line earthed isolation exceeds one shift or there is a change of Nominated Person, then the HVEIC needs to be transferred to the relief NP



21067/IEC¶

The HVIEC can only be transferred once, after that a new HVIEC must be issued to the new Nominated Person

The HVIEC can only be transferred in the presence of a Level A (this can be any Level A with SAI25 accreditation)

Level A to take a photograph of the HVIEC and email to ECR

ERTIFICATE-NO:IEC210825 THIS-IS-NOT-A-PERMIT-TO-WORK-OR		
1.0→ISSUE¤		
Issued to Tony Baldi	ofNetwork·Rail	n
for the purpose of working on track	side·disconnector·517/1·at	n
Dunton·Feeder·Station		π
¶ I-hereby-certify-that-the-following-appara and-CAUTION-NOTICE-applied:¤	atus·has·been·OPENED* ISOLATED	*·SAFETY·LOCK·
Disconnector DN/517/A and Tr	rackside·disconnector·517/1·	×
Points-of-isolation are		
Disconnector DN/517/A·at·Dur	nton·Feeder·Station· <u></u>	¤
¶ I-hereby-certify-that-the-following-appara	atus has heen FARTHED.	
High: Voltage: feeder: cable: betw		
and·Trackside·disconnector·517	7/1	
Points-of-earthing-are-		
The Circuit Breaker DN/517 ha	as·been·closed·to·Circuit·Mai	n·Earth·¤
With padlock and caution notic	e·applied·at·Dunton·Feeder·S	
Signed R. Lawrence Print: R. Lawre	nce¤ Time:·08:07hrs¤ Date:·2	27/08/2025¤

2.0→RECEIPT¤	¤	¤	¤
·understand that any	of the above earths m	ay be removed at my	1A¶ request for the purpose
of testing (under an is	sued-Sanction-for-Tes	st·only).¤	п
Signed: b. aldi	Print: · Tony·Baldi·¤	Time: 08:30:	
n n			
3.0·TRANSFER¤			
 -have-handed-over-th	a-raenoneihility-of-this	contificate to Toas	Rabinson¤
1		Signed	Paldi
l·hereby·declare·that·l·a contents.≖	accept the responsibility	of this certificate and	have fully understood the
Signed: H. Kobin	On behalf	of:·Network-Rail	(employer)¤
n-the-presence-of	RLawren	<i>ICC</i> (Le	vel·A·Person)¤
Γime <i>19:55</i>		08/25	
3	9		
4.0·RETURN¤	n	п	п
	all·relevant·Electrical· RTHS·and·persons·und		sued-are-now-cancelled geen-withdrawn.¶
oints-of-EARTHING-	are·as·detailed·in·Sec	tion·1·with·the·follow	ing-exceptions*:¤
			α
Signed g			
	Print:		
Signed	Print:·¤	Time:	
Signed¤ *Variation to the return for Test.¤	Print:·¤ n-of-earthing-shall-only	Time:	Date:
Signed	Print:	Time:	Date:ancellation of a Sanction
Signed¤	Print: ·	Time:	Date:ancellation of a Sanction

Name of relief Nominated Person

Signed by the Nominated Person who the HVEIC was issued to

Signed by the relief Nominated Person

Signed by the Level A, details given to ECR

OFFICIAL

When the work is complete, all OLPs have been cancelled, and the Form B has been cancelled the Nominated Person is to complete section 4 (Return) of the HVIEC in the presence of the Level A and return the substation key safe key to the Level A.

21067/IEC¶



'HIS·IS· <u>NOT</u> ·A·PERMIT-TO-WORK·OR·SANCTION-FOR-TEST·OR·OLE·PERI ·	MIT-TO-WORK
1.0→ISSUE¤	
ssued·toTony·BaldiofNetwork·Rail	π
or the purpose of working on trackside disconnector 517/1 at	n
Dunton·Feeder·Station	n
hereby-certify-that-the-following-apparatus-has-been-OPENED* ISOLATED *-S nd-CAUTION-NOTICE-applied:¤	SAFETY-LOCK
Disconnector·DN/517/A·and·Trackside·disconnector·517/1·	¤
oints-of-isolation-are-	
Disconnector·DN/517/A·at·Dunton·Feeder·Station·	
manufactor bity 517/71 at builton 7 ceder Station	
hereby-certify-that-the-following-apparatus-has-been- <u>EARTHFD-</u>	
digh·Voltage·feeder·cable·between·disconnector·DN/517	¤
nd·Trackside·disconnector·517/1	, a
oints-of-earthing-are-	
Fhe·Circuit·Breaker·DN/517·has·been·closed·to·Circuit·Main·	Earth [·] ¤
Nith·padlock·and·caution·notice·applied·at·Dunton·Feeder·St	

					_
•	2.0→RECEIPT¤	a	¤	¤	¤
	¶	agint of this postific-	to and key actor - 1	л	¤
	I hereby acknowledge receipt of this certificate and key safe no 1A				
	of testing (under an issu			,	
	" () () . "	α	n	n	¤
	Signed: Addi F	Print: Tony Baldi ¤	Time: 08:30 ¤	Date: -27/08/2025	, u
	n				¤
•	3.0·TRANSFER¤				¤
	¶ I·have·handed·over·the·	responsibility of this	certificate-to	n	¤
	¶	. ,			¤
	I-hereby-declare-that-I-acc	cent the responsibility of	······ Signed		
	contents.¤	copt the responsibility (or this contineate and have	re runy understood the	Ω
	Signed:		(ε	employer)¤	Ħ
	In the presence of		(Level-	A·Person)¤	¤
	Time¤	Date	¤		¤
	α	n n			n
-	4.0·RETURN [™]	x	n	x	¤
•	4.0·RETURN¤ I-hereby-declare-that-all and-all-additional-EARTI	·relevant·Electrical·S	afety Documents issue	d-are-now-cancelled-	¤
•	I-hereby-declare-that-all and-all-additional-EARTI	· ·relevant·Electrical·S HS·and·persons·unde	afety Documents issue	 d∙are·now·cancelled· n·withdrawn.¶	¤
	I-hereby-declare-that-all	··relevant·Electrical·S HS·and·persons·und e·as·detailed in·Secti	afety Documents issue frmy control have bee on 1 with the following	d-are-now-cancelled- n-withdrawn.¶ -exceptions*:¤	¤
•	I-hereby-declare-that-all and-all-additional-EARTI Points-of-EARTHING-are	relevant Electrical S HS and persons under e as detailed in Secti	afety Documents-issue of my-control have bee on-1-with-the-following	ed-are-now-cancelled- n-withdrawn.¶ -exceptions*:¤	_ n
-	I hereby declare that all and all additional EARTH	relevant Electrical S HS and persons under e as detailed in Secti	afety Documents issue of my-control have bee on-1-with the following	ed-are-now-cancelled- n-withdrawn.¶ -exceptions*:¤ ¤	_ n
-	I-hereby-declare-that-all and-all-additional-EARTH Points-of-EARTHING-are	relevant Electrical S HS and persons under e as detailed in Section	afety Documents issue of my-control-have-bee on-1-with the following	ed are now cancelled n-withdrawn.¶ -exceptions*:¤	_ n
	I hereby declare that all and all additional EARTH	relevant Electrical S HS and persons under e as detailed in Section	afety Documents issue of my-control-have-bee on-1-with the following	ed are now cancelled n-withdrawn.¶ -exceptions*:¤	_ n
-	I-hereby-declare-that-all and-all-additional-EARTH Points-of-EARTHING-are Signed.	relevant Electrical S HS and persons under e as detailed in Secti None	afety Documents issue of my-control-have-bee on-1-with the following	ed are now cancelled n-withdrawn.¶ -exceptions*:¤	_ n
-	I hereby declare that all and all additional EARTH Points of EARTHING are Signed.	relevant Electrical S HS and persons under e-as detailed in Section None	afety Documents issue of my-control-have bee on-1-with the following. Time: 16:01	od are-now-cancelled- n-withdrawn.¶ -exceptions*:¤ 	_ a a a a
_	I hereby declare that all and all additional EARTH Points of EARTHING are Signed. Signed additional to the return of for Test. III	relevant Electrical S HS and persons under e as detailed in Section None. Print: Tony Baldi. of earthing shall only a s CERTIFICATE is no	afety Documents issue of my-control have been on 1-with the following Time:16:01	ed are now cancelled n-withdrawn.¶ exceptions*:¤	a a a a a a a a a a
_	I hereby declare that all and all additional EARTH Points of EARTHING are Signed. *Variation to the return of for Test. ¤ 5.0-CANCELLATION: I hereby declare that this	relevant-Electrical-S HS-and-persons-under e-as-detailed in-Section None Print: Tony Baldi. a a a s-CERTIFICATE-is-ne Print:	afety Documents issue of my-control-have-bee on-1-with the following Time:16:01	ed are now cancelled n-withdrawn.¶ exceptions*:¤	а а а а а а а а а а а а а а а а а а а

State the number additional earths applied by the Nominated Person (if still in place) or write none, if there are none in place except the earth(s) applied by the Level A

Signed as returned by the Nominated Person, with time & date

OFFICIAL

Once the HVIEC has been signed and returned by the Nominated Person to the Level A then Level A cancels the HVIEC with the ECR and then restores feeding as per the 21067-switching schedule



21067/IEC¶

HIGH-VOLTAGE-ISOLATION-&-EARTHING-CERTIFICATE = 1 1 THIS-IS-NOT-A-PERMIT-TO-WORK-OR-SANCTION-FOR-TEST-OR-OLE-PERMIT-TO-WORK® 1.0→ISSUE¤ $\hbox{$^{\Pi^*}$ hereby-certify-that-the-following-apparatus-has-been-OPENED*$ $^{+SOLATED*}$. SAFETY-LOCK-like the statement of the statement of$ and CAUTION NOTICE applied: a Disconnector DN/517/A and Trackside disconnector 517/1 I hereby-certify-that-the-following-apparatus-has-been-EARTHED: High Voltage feeder cable between disconnector DN/517...... and Trackside disconnector 517/1 The Circuit Breaker DN/517 has been closed to Circuit Main Earth a With padlock and caution notice applied at Dunton Feeder Station * Signed Print: R. Lawrence Time: 08:07hrs On-behalf-of: Network-Rail (employer) (employer)

2.0→RECEIPT¤	¤	¤	¤	¤
		ate and key safe no1		¤
	of the above earths ma ssued Sanction for Tes	ıy·be·removed·at·my·red t·onlv) ¤	quest-for-the-purpose	
" Colling Call of the	m	¤	n	¤
Signed: ald	i Print: <i>Tony∙Baldi</i> ∙¤	Time:08:30¤	Date: 27/08/2025	a ¤
n				¤
3.0·TRANSFER¤				¤
¶ I-have-handed-over-th	ne-responsibility-of-this	certificate to	n	¤
¶				¤
I-hereby-declare-that-I-	accent the responsibility	······ Signed of this certificate and hav	¤ ve-fullv-understood-the	. n
contents.¤	accept the responsibility	or triis confinedto and na	to fally understood the	Ω
Signed:		f:·(e	employer)¤	¤
In the presence of		(Level-	A-Person)¤	¤
Time	x Date	, n		¤
XX	102			'n
4.0·RETURN∞	α	π	n	¤
I-hereby-declare-that- and-all-additional-EAF	all·relevant·Electrical·S RTHS·and·persons·und	Safety-Documents-issue er-my-control-have-bee	ed-are-now cancelled n-withdrawn.¶	¤
Points of EARTHING	are-as-detailed-in-Sect	ion-1-with-the-following	·exceptions*:¤	
	None		, n	¤
~ 1.				¤
Signed and				_
Signed	Print: Tony Baldi.	¤ Time:	Date: 27/08/25.x	1
*Variation to the retur for Test.¤	n of earthing shall only	be valid following canc	ellation of a Sanction	, ¤
5.0·CANCELLATIO	ON¤ ¤	x	n	¤
I-hereby-declare-that-	this-CERTIFICATE-is-n	ow-cancelled¤		¤
		Time: ·16:09¤	Date: 27/08/25¤	¤
	ork-Rail		¤	¤
¶		(5,		Г

Signed by a Level A, time and date of cancellation, details given to ECR

Level A to take a photograph of the HVIEC and email to ECR





Any questions?

For more information, please visit

Electrical Safety - Safety Central (networkrail.co.uk)

or contact: -

ESD Programme team - <u>ESDCommunication@networkrail.co.uk</u>

SAI Project team - <u>ESDSAISupport@networkrail.co.uk</u>