

INTRODUCTION

British Army WWI Service Records, 1914-1920 The 2 Million "Burnt Documents" (WO 363)

Unfortunately about 60% of the soldiers' Service Records were irretrievably damaged or lost completely as a result of enemy bombing in 1940 during the Second World War. The exact number of serving British soldiers is not known because of the loss of the records.

However, about a third, approximately 2 million, were saved from destruction. These records are known as the "Burnt Records". Officially they are classed as WO 363 records, which is the reference number given to them by the National Archives.(The "WO" in the classification code stands for "War Office".) As a result of the loss of so many of the First World War Service Records, there is now only a 40% chance that the Service Record of the individual you want to trace will be available to examine.

The surviving 2 million "Burnt Documents" Service Records are for soldiers who were discharged, demobilized at the end of the war, who died between 1914 and 1920 and who were not eligible for an Army pension. Some soldiers who were in the regular army before the outbreak of war in August 1914 may, however, be included in this class of records.

The documents in this PDF are from Ancestry.ca (Oct 17, 2013) There were two sets, one consisting of 5 pages (slight differences to large one) and a second consisting of 26 pages

British Army WWI Service Records, 1914-1920 about Harry Daniel

Name: Harry Daniel
Estimated Birth Year: abt 1886
Age at enlistment: 28
Birth Parish: Dairycoates
Birth County: Yorks
Document Year: 1914
Regimental Number: 51049
Regiment Name: Royal Engineers
Number of images: 7 (actually 5)

British Army WWI Service Records, 1914-1920 about Harry Daniel

Name: Harry Daniel
Estimated Birth Year: abt 1886
Age at enlistment: 28
Birth Parish: Dairycoates
Birth County: Yorks
Document Year: 1914
Regimental Number: 51049
Regiment Name: Royal Engineers
Number of images: 34 (actually 26)



80 APR 1918

SHORT SERVICE.

(Three years with the Colours.)

ATTESTATION OF

ROYAL ENGINEER

No. 32452

Name Harry Daniel

Corps.

Questions to be put to the Recruit before enlistment.

1. What is your name?
2. In or near what Parish or Town were you born?
3. Are you a British Subject?
4. What is your Age?
5. What is your Trade or Calling?
6. Have you resided out of your Father's house for three years continuously in the same place or occupied a house or land of the yearly value of £10 for one year, and paid rates for the same, and, in either case, if so, state where?

1. Harry Daniel
2. In the Parish of Darnley in or near the Town of Hulse in the County of Leeds
3. Yes
4. 28 Years 8 Months
5. Railway Construction
6. No

You are hereby warned that if after enlistment it is found that you have given a wilfully false answer to any of the following seven questions, you will be liable to a punishment of two years' imprisonment with hard labour.

7. Are you, or have you been, an Apprentice? if so, where? to whom? for what period? and, when did, or will, the period of your Apprenticeship expire?
8. Are you Married?
9. Have you ever been sentenced to imprisonment by the Civil Power?
10. Do you now belong to the Royal Navy, the Army, the Royal Marines, the Militia, the Special Reserve, the Territorial Force, the Army Reserve, the Militia Reserve, or any Naval Reserve Force? if so to what unit and Corps?
- *11. Have you ever served in the Royal Navy, the Army, the Royal Marines, the Militia, the Special Reserve, the Territorial Force, the Imperial Yeomanry, the Volunteers, the Army Reserve, the Militia Reserve, or any Naval Reserve Force? If so, state which unit, and cause of discharge.
12. Have you truly stated the whole, if any, of your previous Service?
13. Have you ever been rejected as unfit for the Military or Naval Forces of the Crown? if so, on what grounds?
14. Are you willing to be vaccinated or re-vaccinated?
15. Are you willing to be enlisted for General Service?
16. Did you receive a Notice, and do you understand its meaning, and who gave it to you?

7. No
8. No
9. No
10. No
11. No
12. Yes
13. No
14. Yes
15. Yes
16. Yes Name Harry Daniel Corps R.E.

17. Are you willing to serve upon the following conditions provided His Majesty should so long require your services?

For a term of three years, unless War lasts longer than three years, in which case you will be retained until the War is over. If employed with Hospitals, depots of Mounted Units, and as Clerks, etc., you may be retained after the termination of hostilities until your services can be spared, but such retention shall in no case exceed six months. If, however, the War is over in less than 3 years, you will be discharged with all convenient speed.

17. Yes

I, Harry Daniel do solemnly declare that the above answers made by me to the above questions are true, and that I am willing to fulfil the engagements made.

Harry Daniel SIGNATURE OF RECRUIT.

Arthur Wiffell Signature of Witness.

OATH TO BE TAKEN BY RECRUIT ON ATTESTATION.

I, Harry Daniel swear by Almighty God, that I will be faithful and bear true Allegiance to His Majesty King George the Fifth, His Heirs and Successors, and that I will, as in duty bound, honestly and faithfully defend His Majesty, His Heirs, and Successors, in Person, Crown, and dignity against all enemies, and will observe and obey all orders of His Majesty, His Heirs, and Successors, and of the Generals and Officers set over me. So help me God.

CERTIFICATE OF MAGISTRATE OR ATTESTING OFFICER.

The Recruit above named was cautioned by me that if he made any false answer to any of the above questions he would be liable to be punished as provided in the Army Act.

The above questions were then read to the recruit in my presence.

I have taken care that he understands each question, and that his answer to each question has been duly entered as replied to, and the said recruit has made and signed the declaration and taken the oath before me at

on this 10 NOV 1914 day of

Signature of the Justice

If any alteration is required on this page of the Attestation, a Justice of the Peace should be requested to make it and initial the alteration under Section 8 (6), Army Act.

The Recruit should, if he require it, receive a copy of the Declaration on Army Form B. 2063a.

R.O.

If so, the Recruit is to be asked the particulars of his former Service, and to produce, if possible, his Certificate of Discharge and Certificate of Character, which should be returned to him consigned to the (Date) on the (Name) re-enlisted in the (Regiment) endorsed in red ink, as follows, viz.—

Description of Harry Daniel on Enlistment.

Apparent Age... <u>28</u> years... <u>8</u> months. (To be determined according to the instructions given in the Regulations for Army Medical Services.)		Distinctive marks, and marks indicating congenital peculiarities or previous disease. (Should the Medical Officer be of opinion that the recruit has served before, he will, unless the man acknowledges to any previous service, attach a slip to that effect, for the information of the approving Officer.)	
Height... <u>5</u> feet... <u>7 1/2</u> inches.			
Weight... <u>153</u> lbs.			
Chest measurement. { Girth when fully expanded... <u>37</u> inches. Range of expansion... <u>2 1/2</u> inches.			
Complexion... <u>Fresh</u>			
Eyes... <u>Blue</u>			
Hair... <u>Brown</u>			
Religious Denomination	Church of England... <u>Yes</u>		
	Presbyterian		
	Wesleyan		
	Baptist or Congregational.....		
	Other Protestants		
Denomination to be stated,			
Roman Catholic.....			
Jewish.....			

Certificate of Medical Examination.

I have examined the above-named man and find that he does not present any of the causes of rejection specified in the Regulations for the Army Medical Services.

He can see at the required distance with either eye: his heart and lungs are healthy: he has the free use of his joints and limbs, and he declares that he is not subject to fits of any description.

I consider him * fitfor the Army.

Date... 10 NOV 1914 A. E. Trail C.M.P.
* Insert here "fit" or "unfit." *Medical Officer.*

Note.—Should the Medical Officer consider the Recruit unfit, he will fill in the foregoing Certificate only in the case of those who have been attested, and will briefly state below the cause of unfitness:—

.....

.....

.....

Certificate of Primary Military Examination.

I hereby certify that the above-named recruit was inspected by me and I consider him * fitfor service in the Royal Regt of Artillery R. G. A.and that due care has been exercised in his enlistment.

Date... 10 NOV 1914 Douglas Booth Recruiting Officer.
* Insert here "fit" or "unfit." Insert here "Regiment" or "Corps."

Place... CENTRAL HULL LIEUTENANT

* Certificate of Approving Officer.

I certify that this Attestation of the above-named recruit is correct, and properly filled up, and that the required forms appear to have been complied with. I accordingly approve, and appoint him to the Royal Regiment of Artillery, R. G. A.

It enlisted by special authority Army Form B. 203 (or other authority for the enlistment) will be attached to the original attestation.

Date... 10 NOV 1914 E. Stephens Approving Officer.
Place... CENTRAL HULL LIEUTENANT

The signature of the Approving Officer is to be affixed in the presence of the Recruit.
 * Here insert the "Corps" for which the Recruit has been enlisted.

QUALIFICATION REPORT on

11632452 Sapper Daniel 32nd Co R.E.

who has { qualified
completed a course of instruction }

as a **FIELD
LOCO ENGINE DRIVER.**

ITEM	First Report		Second Report		Third Report		Fourth Report		REMARKS (Here insert length of time over further practice has extended, nature of the work on which the has been engaged, since grant general qualification.)
	Qualification	Initials and date†	Qualification	Initials and date†	Qualification	Initials and date†	Qualification	Initials and date†	
Self-propelled Vehicles:—									
1. Traction Engines—stoking and firing									
2. " " driving on streets and roads and across country									
3. Traction Engines—repairs, including procedure in case of breakdown									
4. Steam Lorries—driving, including procedure in case of breakdown									
Stationary Engines:—									
5. Firing and Driving Steam Engines, and repairs to same	Superior	<i>W.H. 24.9.15</i>							
6. Driving Gas or Oil Engines, and repairs to same	No experience.	<i>W.H.</i>							
Locomotives:—									
7. Fireman's Duties { Including knowledge of railway	Very Superior	<i>W.H.</i>							
8. Driver's Duties { working and regulations	Very Superior	<i>W.H.</i>							
Internal Combustion Engined Vehicles:—									
9. Driving, including procedure in case of breakdown									
Miscellaneous:—									
10. Working a Pumping Station	Superior	<i>W.H.</i>							
11. Engine Erecting	Skilled.	<i>W.H.</i>							
12. Qualification in an Iron Trade									
13.									
14.									
Signature of Company, Division, or other Officer vouching for qualification in above details	<i>L. Home.</i> Station <i>Ware.</i> 24/9/191		Station / /191		Station / /191		Station / /191		
General Qualification	Superior								
Signature of { Supt. of Workshops, for Field } Engine { Officer i/c Locomotive } Drivers { Dept., Langmoor, for Loco } vouching for General Qualifications	<i>A.D. Robinson</i> <i>Capt</i> 25/9/15								
Signature of { Commandant, S. M. E., for Field } Engine { O. C. Railway Companies, } Drivers { R. E., for Loco } approving General Qualifications	<i>Col.</i>								

Here insert regimental number and name, but not rank.

Only general qualifications count towards engineer part and then only when approved by the approving officer.

Qualifications in alternative subjects may be accepted in lieu of some of those set down at the discretion of the approving officer.

† For the initials of the examining officer in the case of each item.

11632452

~~5/10/19~~

Name _____

Harry Daniel

Corps in which served	Regt. or Depot	Promotions, Reductions, Casualties, etc.	Army Rank	Dates	Service not allowed to reckon for fixing the rate of Pension		Service in Reserve not allowed to reckon towards G. C. Pay		Signature of Officers certifying correctness of Entries
					years	days	years	days	
Service towards limited engagement reckons from 10.11.14									H. b. In. Mayne
Joined at Null on 10.11.14									
	10th	Admitted	Gunner	10.11.14					2nd Lt for Capt
Royal Engineers		Transferred Sapper		21.12.14					for Officer Y.C. Records
		Auth. G.O.C. No. 2/6816(A)							
		dt. 17-12-14							
	RE RB	Posted	Sapper	22.12.14					Arthur M. M. M.
		3rd Bn. P. Coy							
		From 3rd Bn. P. Coy							
52 B.G.O. Coy	B.E.F.	Promoted	2/B.P.L.	26-3-18					For COL. 10 RECORDS R.E. (TRANSPORTATION BRANCH.)
		Auth. Def. R.T.O.P. 454							
		D/26-3-18							
52 B.G.O. Coy	B.E.F.	Appointed	apt. Coy	1.2.19					For COL. 10 RECORDS, R.E. (TRANSPORTATION BRANCH.)
		dt. 11/22 3.19							
		Transferred to Class "D" Arm.							
		Reserve on Demobilization.							
		Date 21-5-19							
		Signature H. Scherina Capt.							
		for Officer Y.C. Records							
		Place London							
		Home Address 3, 41st Street, Hawthorne, Avenue, Hill							
Total Service forfeited as above									
Total Service towards Engagement to (date of discharge) years days									
Pension to (" ") years days									

MILITARY HISTORY SHEET.

FOR COL. 170 R. 100 E.
(TRANSPORTATION BRANCH)

1. Service at Home and Abroad.

COUNTRY	FROM	TO	YEARS	DAYS
Home British	10.11.14	11.6.15		
Ex Force France	12.6.15	Rd 4-19		
		11.6.19		

N.B.—The Country only to be shown — it is not necessary to show separately the service in the different stations of the same country. England, Scotland and Ireland to be shown under the general term "Home."
For mode of computing Service Abroad, see King's Regulations.

2. Army School and other certificates of education ..		Initials of Officer making the entry
3. Passed classes of Instruction† This includes any authorised class of instruction, e.g., in swimming, chiropody, &c.		
4. Campaigns (including Actions), Medals and decorations	Home 10.11.14-11.6.15. Ex Force France 12.6.15	
5. Wounded ..		
6. Effects of Wounds		
7. Special instances of gallant conduct and mentions in public despatches		
8. Annuities ..		
9. Injuries in or by the Service ..		
10. Name and Address of next of kin	mother Anne Daniel 3 Welton Crescent Hawthorne Hull	

11. Particulars as to Marriage	(a) Christian and Surname of Woman to whom married, and whether spinster or widow, (b) place and date of marriage, (c) name of officiating Minister or Registrar, and (d) names of two witnesses.				Date of being placed on Marriage Roll	Initials of Officer
	(a) Alice Mabel Coult S	(b) 29/4/15	(c) 3 Welton Crescent Hawthorne Hull	(d)		

12. Particulars as to Children	Christian Names	Date and Place of birth	Date and Place of Baptism, and Name of officiating Minister
	Joan Daniel	17.5.14 Hull	11.6.15 28/1/15

Note.—These entries are to be made from time to time as they occur, and initialled by the Officer making the entry.
† To be ruled through (a) in the case of a soldier, married without leave whilst serving with the colours, who desires the entry to be made;
(b) when a soldier is married whilst in the Reserve.



SHORT SERVICE.

(Three years with the Colours.)

ROYAL ENGINEERS.

No. 32452.

Name Harry Daniel

Corps R.E.A.

Questions to be put to the Recruit before enlistment.

1. What is your name ?.....
2. In or near what Parish or Town were you born ?.....
3. Are you a British Subject ?.....
4. What is your Age ?.....
5. What is your Trade or Calling ?.....
6. Have you resided out of your Father's house for three years continuously in the same place or occupied a house or land of the yearly value of £10 for one year, and paid rates for the same, and, in either case, if so, state where ?.....

1. Harry Daniel
2. In the Parish of Garrigochs in or near the Town of Heath in the County of Yorkshire
3. Yes
4. 28 Years 8 Months.
5. Railway constructor
6. Yes

You are hereby warned that if after enlistment it is found that you have given a wilfully false answer to any of the following seven questions, you will be liable to a punishment of two years' imprisonment with hard labour.

7. Are you, or have you been, an Apprentice ? if so, where ? to whom ? for what period ? and, when did, or will, the period of your Apprenticeship expire ?.....
8. Are you Married ?.....
9. Have you ever been sentenced to imprisonment by the Civil Power ?.....
10. Do you now belong to the Royal Navy, the Army, the Royal Marines, the Militia, the Special Reserve, the Territorial Force, the Army Reserve, the Militia Reserve, or any Naval Reserve Force ? if so to what unit and Corps ?.....
- *11. Have you ever served in the Royal Navy, the Army, the Royal Marines, the Militia, the Special Reserve, the Territorial Force, the Imperial Yeomanry, the Volunteers, the Army Reserve, the Militia Reserve, or any Naval Reserve Force ? If so, state which unit, and cause of discharge.....
12. Have you truly stated the whole, if any, of your previous Service ?.....
13. Have you ever been rejected as unfit for the Military or Naval Forces of the Crown ? if so, on what grounds ?.....
14. Are you willing to be vaccinated or re-vaccinated ?.....
15. Are you willing to be enlisted for General Service ?.....
16. Did you receive a Notice, and do you understand its meaning, and who gave it to you ?.....
17. Are you willing to serve upon the following conditions provided His Majesty should so long require your services ?.....

7. No
8. No
9. No
10. No
11. No
12. Yes
13. No
14. Yes
15. Yes
16. Yes Name Harry Daniel Corps R.E.A.

For a term of three years, unless War lasts longer than three years, in which case you will be retained until the War is over. If employed with Hospitals, depots of Mounted Units, and as Clerks, etc., you may be retained after the termination of hostilities until your services can be spared, but such retention shall in no case exceed six months. If, however, the War is over in less than 3 years, you will be discharged with all convenient speed.

17. Yes

I, Harry Daniel do solemnly declare that the above answers made by me to the above questions are true, and that I am willing to fulfil the engagements made.

Harry Daniel SIGNATURE OF RECRUIT.
Arthur Wiffell Signature of Witness.

OATH TO BE TAKEN BY RECRUIT ON ATTESTATION.

I, Harry Daniel swear by Almighty God, that I will be faithful and bear true Allegiance to His Majesty King George the Fifth, His Heirs and Successors, and that I will, as in duty bound, honestly and faithfully defend His Majesty, His Heirs, and Successors, in Person, Crown, and dignity against all enemies, and will observe and obey all orders of His Majesty, His Heirs, and Successors, and of the Generals and Officers set over me. So help me God.

CERTIFICATE OF MAGISTRATE OR ATTESTING OFFICER.

The Recruit above named was cautioned by me that if he made any false answer to any of the above questions he would be liable to be punished as provided in the Army Act.

The above questions were then read to the recruit in my presence.

I have taken care that he understands each question, and that his answer to each question has been duly entered as replied to, and the said recruit has made and signed the declaration and taken the oath before me at

CENTRAL HALL

on this 10 NOV 1914 day of NOV

Signature of the Justice Douglas Boyd

If any alteration is required on this page of the Attestation, a Justice of the Peace should be requested to make it and initial the alteration under Section 8 (6), Army Act.

The Recruit should, if he require it, receive a copy of the Declaration on Army Form B. 2065a.

If so, the Recruit is to be asked the particulars of his former Service, and to produce, if possible, his Certificate of Discharge and Certificate of Character, which should be returned to him conspicuously endorsed in red ink, as follows, viz.—(Name).....on the (Date).....

32452.

STATEMENT of the SERVICES of No. ~~51017~~

Name

Harry Daniel

Corps in which served	Regt. or Depot	Promotions, Reductions, Casualties, etc.	Army Rank	Dates	Service not allowed to reckon for being the rate of Pension		Service in Reserve not allowed to reckon towards G. C. Pay		Signature of Officers certifying correctness of Entries
					years	days	years	days	
Service towards limited engagement reckons from 10. 11. 14									
Joined at NEWHAVEN on 12. 11. 14									
Infantry	1st Dep	Attested	Guerrero	10. 11. 14					A. M. [Signature] Capt R.E.A.
Royal Engineers	1st Dep	Transferred		21. 12. 14					J. H. [Signature] MAJOR R.E.A. COMDG. 1 DEPOT R.E.A.
		Auth. E.C. No. 2/6846. A							
		17. 12. 14							
R. E.		Engine Driver 1/4 Sapper		21-12-14					[Signature] Capt R.E.A. O.B.A. Coy. R.E.
		(Loro) (skilled)							
32nd Bantams									
Total Service forfeited as above									
Total Service towards Engagement to (date of discharge) years days									
Pension to (" ") " " "									

MILITARY HISTORY SHEET.

1. Service at Home and Abroad.

COUNTRY	FROM	TO	YEARS	DAYS	N.B.—The Country only to be shown — it is not necessary to show separately the service in the different stations of the same country. England, Scotland and Ireland to be shown under the general term "Home." For mode of computing Service Abroad, see King's Regulations.
Home British	10.11.14	11.6.15			
Ex Force France	12.6.15				

2. Army School and other certificates of education ..

3. Passed classes of Instruction†

This includes any authorised class of instruction, e.g., in swimming, chiropody, &c.

4. Campaigns (including Actions). Medals and decorations

5. Wounded ..

6. Effects of Wounds

7. Special instances of gallant conduct and mentions in public despatches

8. Annuities ..

9. Injuries in or by the Service ..

10. Name and Address of next of kin

Home from 10-11-14 to 11.6.15. Ex Force France 12.6.15

Mother Annie Daniel
3 Melton Cres
Hawthorn Av
Hull

Initials of Officer making the entry

LIEUTENANT.

11. Particulars as to Marriage

(a) Christian and Surname of Woman to whom married, and whether spinster or widow, (b) place and date of marriage, (c) name of officiating Minister or Registrar, and (d) names of two witnesses.

Date of being placed on Marriage Roll

Initials of Officer

12. Particulars as to Children

Christian Names

Date and Place of birth

Date and Place of Baptism, and Name of officiating Minister

Note.—These entries are to be made from time to time as they occur, and initialled by the Officer making the entry.
† To be ruled through (a) in the case of a soldier, married without leave whilst serving with the colours, who desires the entry to be made ;
(b) when a soldier is married whilst in the Reserve.

Description of *Harry Daniel* on Enlistment.

Apparent Age... <i>28</i> years... <i>8</i> months. (To be determined according to the instructions given in the Regulations for Army Medical Services.)		Distinctive marks, and marks indicating congenital peculiarities or previous disease. (Should the Medical Officer be of opinion that the recruit has served before, he will, unless the man acknowledges to any previous service, attach a slip to that effect, for the information of the approving Officer.)
Height... <i>5</i> feet... <i>7½</i> inches.		
Weight... <i>153</i> lbs.		
Chest measurement.	Girth when fully expanded... <i>37</i> inches.	
	Range of expansion... <i>2</i> inches.	
Complexion... <i>Fresh</i>		
Eyes... <i>Blue</i>		
Hair... <i>Brown</i>		
Religious Denomination	Church of England... <i>yes</i>	
	Presbyterian	
	Wesleyan	
	Baptist or Congregational	
	Other Protestants Denomination to be stated,	
Roman Catholic		
Jewish		

Certificate of Medical Examination.

I have examined the above-named man and find that he does not present any of the causes of rejection specified in the Regulations for the Army Medical Services.

He can see at the required distance with either eye: his heart and lungs are healthy: he has the free use of his joints and limbs, and he declares that he is not subject to fits of any description.

I consider him *... *fit* ...for the Army.

Date... *10 NOV 1914* 191... *C. E. Hart*
 Place... *CENTRAL HULL* *W. B. C.M.P.*
* Insert here "fit" or "unfit." Medical Officer.

Note.—Should the Medical Officer consider the Recruit unfit, he will fill in the foregoing Certificate only in the case of those who have been attested, and will briefly state below the cause of unfitness:—

Certificate of Primary Military Examination.

I hereby certify that the above-named recruit was inspected by me and I consider him

*... *fit* ...for service in the *Royal Garrison Artillery* and that due care has been exercised in his enlistment.

Date... *10 NOV 1914* 191... *Douglas Booth*
 Place... *CENTRAL HULL* *Recruiting Officer.*
* Insert here "fit" or "unfit." * Insert the "Regiment" or "Corps."

* Certificate of Approving Officer.

I certify that this Attestation of the above-named recruit is correct, and properly filled up, and that the required forms appear to have been complied with. I accordingly approve, and appoint him to the

†... *Royal Regiment of Artillery, R. G. A.*

If enlisted by special authority, Army Form B. 203 (or other authority for the enlistment) will be attached to the original attestation.

Date... *12 NOV 1914* 191... *E. B. Stephens*
 Place... *MAINTON* *Approving Officer.*

* The signature of the Approving Officer is to be affixed in the presence of the Recruit.
 † Here insert the "Corps" for which the Recruit has been enlisted.

STATEMENT AS TO DISABILITY.

(This form is not applicable to Officers and Soldiers in Hospital or on leave therefrom who will be brought before a Medical Board.)

On Demobilization every Officer and Soldier, whether remaining with the Colours or not, will be given an opportunity of filling in this Form. Should he not wish to put forward any claim in respect of a Disability due to Military Service he must sign the Statement hereunder to this effect, in the presence of an Officer of the Unit with which he is serving, who will witness the Signature. Whether a Claim is made or not, this Form will be forwarded by the Unit Commander, in the case of every Officer, direct to the Secretary, War Office; and in the case of every Soldier, to the Record Office of his Unit.

Unit.....

Regiment or Corps.....

Regtl. No..... Rank.....

Surname.....
(Block letters.)

Christian Names in full {.....

Permanent address.....

Age last birthday.....

First joined for duty (Date)..... at (Place).....

Medical Category or Grade in which joined.....

If the Officer or Soldier has previously been discharged from the Army, Royal Navy or the Royal Air Force, he will state:—

(a) Former Regiments or Corps with Regimental Numbers—

(b) Dates of discharge.....

(c) Causes of discharge.....

(d) Particulars of Pension or Gratuity received (if any)—

TO BE CANCELLED
IF A CLAIM IS MADE.

I do not claim to be suffering from a disability due to my military service.

Place of Examination.....

Date.....

Signature of Officer or Soldier.

Signature of Officer witnessing.

Before the claimant answers questions 1—8 the following should be read by, or to, him:—

"Your statement will be checked by Official Records. In answering question 2, any special matters which in your opinion caused or aggravated any unfitness from which you are suffering, must be clearly stated."

The claimant will answer the questions in his own words and after completing the form will sign it. The Officer will witness the signature. If the claimant cannot write, he will affix his mark, such act being witnessed.

1. (a) In what countries have you served during this war and

NOTICE.—This ~~drop~~ ^{is} Certificate in a Post Office letter box. **PROPERTY.** It is no security whatever for debt, and any Person being in possession of it, either as a pledge or security for debt, or without lawful authority or excuse, is liable under Section 156 (9) of the Army Act to a fine of twenty pounds (£20) or imprisonment for six months, or to both fine and imprisonment."

PROTECTION CERTIFICATE AND CERTIFICATE OF IDENTITY

(SOLDIER NOT REMAINING WITH THE COLOURS).

Dispersal Unit Stamp and date of dispersal.

Surname DANIEL
(Block letters)

Christian Names HARRY

Regtl. No. WR/250010 Rank Cpl

Unit R.D. Regt. or Corps R.D.B.S.

Record Office Warrington

Pay Office Warrington

I have received an advance of £2.

† Address for Pay 3rd Divisional Hospital

(Signature of Soldier) Daniel

The above-named soldier is granted 28 days' furlough from the date stamped hereon pending (as far as can be ascertained) which will date from the last day of furlough after which date uniform will not be worn except upon occasions authorized by Army Orders.

* If for Final Demobilization insert 1.
Disembodiment insert 2.
Transfer to Reserve insert 3.

Theatre of War or Command France

Born in the Year 1886

Medical Category A1

Place of rejoining in case of emergency Warrington

Specialist Military Qualification None

† As this is the address to which pay and discharge documents will be sent unless further notification is received, any change of address must be reported at once to the Record Office and the Pay Office as noted above, otherwise delay in settlement will occur.

R.D. Daniel

This Certificate must be produced when applying for an Unemployed Sailer's and Soldier's Donation Policy or, if demanded, whenever applying for Unemployment benefit.

Date 24/4/19 Office of Issue Warrington Policy issued No 35104657

This document is Government property. It is no security whatsoever for debt, and any person being in possession of it either as a pledge or security for debt or without lawful authority or excuse, is liable under Section 56 (9) of the Army Act to a fine of twenty pounds (£20) or imprisonment for six months, or to both fine and imprisonment.

Unit ROD RE Date 14.1 1914.

PARTICULARS OF CLAIM OF

Rgtl. No. 250010 Rank 2/cpl Names (in full, Sur-name first) Daniel Harr

for repatriation to an Overseas British Possession or Foreign Country.

1. Country and place therein from which applicant came to join the Forces.	<u>Canada</u> <u>Saskatchewan</u>
2. Grounds on which claim is based.	
3. State if re-fund for passage to U.K. has been received	<u>NO</u>
4. Names & Addresses of not more than two persons (in U.K., if possible) to whom reference can be made to verify statements.	<u>Mr. Lighton</u> <u>4 Walton Crescent</u> <u>Hawthorn Avenue</u> <u>Hull</u>
5. If joined or enlisted in the U.K., state:—	
(a) Name of Vessel in which passage to the U.K. was made.	<u>S.S. Royal George</u>
(b) Port of arrival in U.K.	<u>Avonmouth Bristol</u>
(c) Approximate date of arrival	<u>25/1/1914</u>
Year of birth	<u>1886</u>

6. Particulars of Family (if any) claiming repatriation.

Names	Relationship	Ages of children
<u>Daniel Alice Mabel</u>	<u>Wife</u>	
<u>Daniel Joan</u>	<u>Girl</u>	<u>1 1/2</u>

REPA TRIATION RE ORD OFFICE

No. 55358

21 FEB

7. I certify that the foregoing particulars are correct, and understand that if my claim to repatriation is allowed, I must be prepared to embark whenever a passage is offered to me.

Signature

Harry Lancel

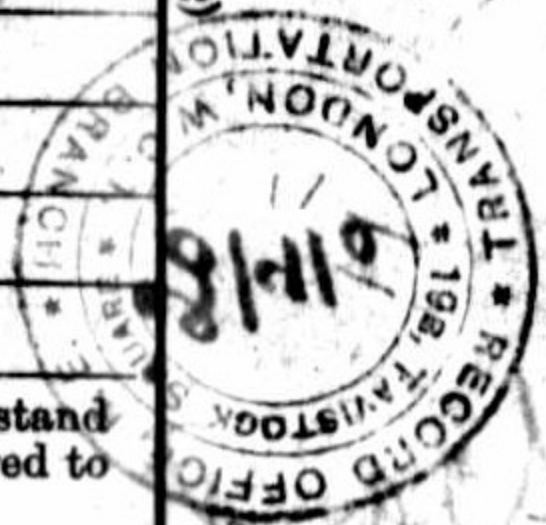
NOTE.—When completed, attach this form to Army Form Z.6, on which the name of the above officer or soldier appears.

(8 11 58) W2471—RP2222 100 6/18 HWV(P1266)
8030—PP2308 100,000 12/18

[SEE OVER.]

(8) This space is for use in the War Office or Record Office only.

FOR COL. I/C RECORDS R.E.
(TRANSPORTATION BRANCH)



This Document is Government Property. It is no Security whatsoever for debt, and any person being in possession of it either as a pledge or Security for debt or without lawful authority or excuse is liable under Section 156 (9) of the Army Act to a fine of Twenty Pounds (£20) or imprisonment for six months, or to both fine and imprisonment.

APPLICATION FOR DEFERRED PASSAGE.

A passage once offered cannot be postponed, and if not accepted when tendered will be liable to be forfeited.

Application for passage should be made, not less than 1 month before the applicant desires to embark, and within 6 months from the date of gazetting out, discharge, disembodiment, or relegation, transfer or re-transfer to the Reserve, to—

The Officer i/c Records,
Repatriation Camp, Winchester;

to whom any change of address while awaiting allotment of passage or embarkation should be made.

Every endeavour will be made to arrange for a passage as nearly as possible on the date stated by the applicant, but no guarantee can be given in this respect and no claim to detention allowance will be considered.

1. Passage is applied for to:—		For use in War Office only.
(a) Country	(a) <u>Canada</u>	
(b) Place therein	(b) <u>Hardisty Alberta</u>	
(c) Nearest point to destination to which there is a regular passenger service	(c) <u>Hardisty</u>	
2. Date on or about which I will be prepared to embark		<u>24th 5th (MAY) 1913</u>
3. My address abroad will be		<u>Hardisty Alberta</u>

4. State—

Regtl. No.	Rank	Names in full (Surname first) (In Block Letters)	Unit with which last serving
WR 250010	Corporal	Daniel Harry DANIEL HARRY	Railway Operating Department Royal Engineers

5. Address to which notification of allotment of passage is to be forwarded.

Signature

Harry Daniel

Address

3 Melton Crescent

Date

16-5-

1913

Hawthorne Avenue
Hull

CANADIAN GRANT

Paymaster's Form.

No. *40250010*..... Reference Number.....
 Rank *A/cpl*.....
 Name *Daniel, Harry*.....
 Unit and Corps *R.O.R.E.*.....

1.

From: The Officer in Charge,
 Record S.R.E. (Transportation Branch)
 19b Tavistock Square,
 London W.C.1.

To: The Regimental Paymaster,
 Repatriation Section,
 Winchester. *Chatham*

The above-named claims to have received the sum of *£26-10-0* as Gratuity for service in His Majesty's Forces. He also claims that an allowance was paid to his Dependent.

(Name of Dependent) *A.M. Daniel*

(Relationship of Dependent) *Wife*

from (Date) *Jan 1946* to (Date) *May 1949*

Please verify and return this form early.

Date *24/7/50* (Signature) *[Signature]* Major.
 for Col. i/c Records R.E. (T.B.)

2.

From: The Regimental Paymaster,
 Winchester. *Chatham*

To: The Officer i/c Records R.E. (Transportation Branch)
 19b Tavistock Square,
 London W.C.1.

5 MAR

1. The above-named has received a Gratuity for service in His Majesty's Forces amounting to *£26-10-0*
2. The amount of such Gratuity (except gratuity or bonus for wounds, disability or distinguished service) to which he is entitled is *£26-10-0*
3. ~~He is not entitled to Gratuity as above for the following reason~~
4. ~~The particulars regarding allowance, as quoted in Minute 1, are correct.~~
5. The particulars regarding allowance, as quoted in Minute 1, are not correct for the following reason:-

(a) ~~No allowance was paid to his dependent.~~

(b) An allowance was paid to:

(Name of Dependent) *Mrs. M. Daniel*

(Relationship of Dependent) *Wife*

(Address of Dependent) *3 Welton Crescent Hawthorn*

From (Date) *18-12-17* to (Date) *25-5-19*

6. ~~The allowance was discontinued prior to the applicant's retirement, discharge or demobilization for the following reason:~~

7. The Rank in respect of which the applicant was being paid at the date of his retirement, discharge or demobilization was *Major*

Certified that above particulars re amount of Gratuity or Bonus paid, Dependent's allowance, and rank for which paid at date of retirement or discharge, are correct according to my Records.

Signature *[Signature]*

Appointment *Chatham*

Date *6/3/20*

Date on which the Verification Roll was returned to H.Q. Overseas Military Forces of Canada *17*

Signature of the Officer who completed and signed the Verification Form

[Signature]

FOR COL. I/O RECORDS (E. TRANSPORTATION BRANCH)

Ref. No.....

45a Section,
Repatriation Records Office,
Horn Hill,
Winchester.

12151 1919.

To.....

Lt. H Daniels

.....

.....

With reference to your claim for Repatriation, which is approved, will you kindly answer the following questions and return this form :-

(1) Are you still serving? *No*

(2) If not, give date of mobilization or discharge *21-4-1919*

(3) Members of family (if any) for whom repatriation was claimed with ages and sex of children..... *WIFE AND ONE CHILD GIRL AGE 2 YRS ON 17-4-19*

(4) Full destination to which you claimed repatriation..... *HARDIST V. ALBA*

(5) Present fixed address whilst awaiting passage..... *3 Melton Crescent Hawthorne Avenue Hull*

(6) Have you filled in Army Form Z 45, giving date you are prepared to embark?..... *FORM ENCLOSED*

If not, please fill in the form now attached.

(7) Address your reply to 45a Section, Repatriation Records, Horn Hill, Camp, Winchester.

W. H. O. S. H. H. H.

Lieut. Col.
O. 1/o Repatriation Records,
Winchester.

(7/25 9) GR 1885 20,000 1/19 HWV(P1199) H2977
WI0071-EP3919 20,000 3/19

No. S/5358

REPATRIATION RECORD OFFICE,

WINCHESTER,

Date 30-4-1919

UR 250010
Rank 2/1 Cpl Name Daniel H Unit Prod R E

claims repatriation to Saskatchewan Canada
(town) (country)

and states that he came from there on or about January 1914

disembarking at Armonville 25-1-1914 (port) ex S.S. Regina

Can you please confirm this statement?

A very early reply will be much appreciated.

A. O'B. OPPENHEIM, Lt.-Colonel,

Officer i/c Repatriation Records.

I can confirm the above.
cannot

(Signed) Richard Leighton Police Officer

Address 4 Welton Crescent

Hawthorn Avenue

Date 2nd May 1919

To Mr Leighton

4 Welton Crescent

Hawthorn Avenue

Met No. S/858

REPATRIATION RECORD OFFICE,

WINCHESTER,

Date 30 4 - 1919

250010

Rank 2/Cpl Name Daniel H Unit Prod. R.E.

claims repatriation to Saskatchewan Canada
(town) (country)

and states that he came from there on or about _____ 191

disembarking at Avonmouth Bristol (port) ex S.S. Royal George
25/1/1914

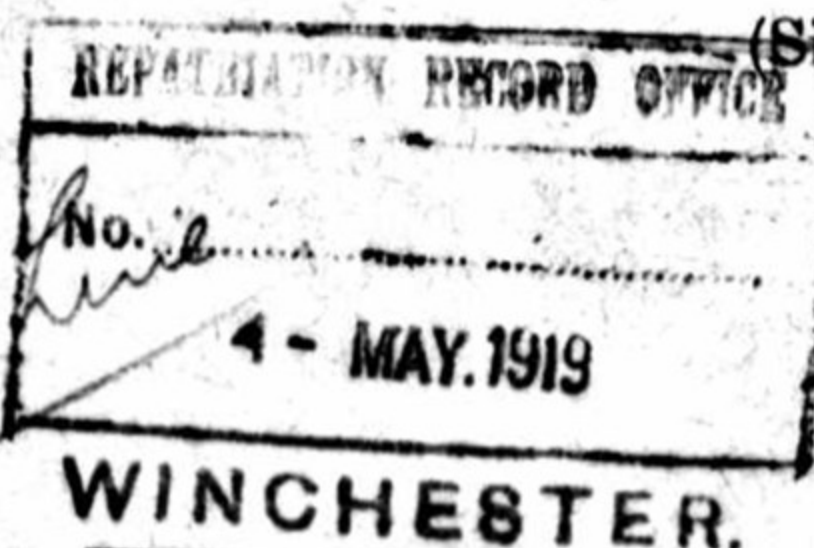
Can you please confirm this statement?

A very early reply will be much appreciated.

A. O'B. OPPENHEIM, Lt.-Colonel,

Officer i/c Repatriation Records.

I can confirm the above.
cannot



Address _____

Date _____

To The Agents for
The Canadian Northern S/S Coy
Bondcourt House
Wallbrook E.C.

NOMINAL ROLL of Officers and Soldiers of the R.O.D. R.E., det. Calais Riviere Neuve who Claim that they are entitled to a Free Passage to an Overseas British Possession or Foreign Country.

This Form is in two parts:—

Part I. will show particulars of those of Group 45 (A) who apply to be gazetted out of or discharged from the service previous to embarkation; and who are desirous of embarking for abroad at a later date.

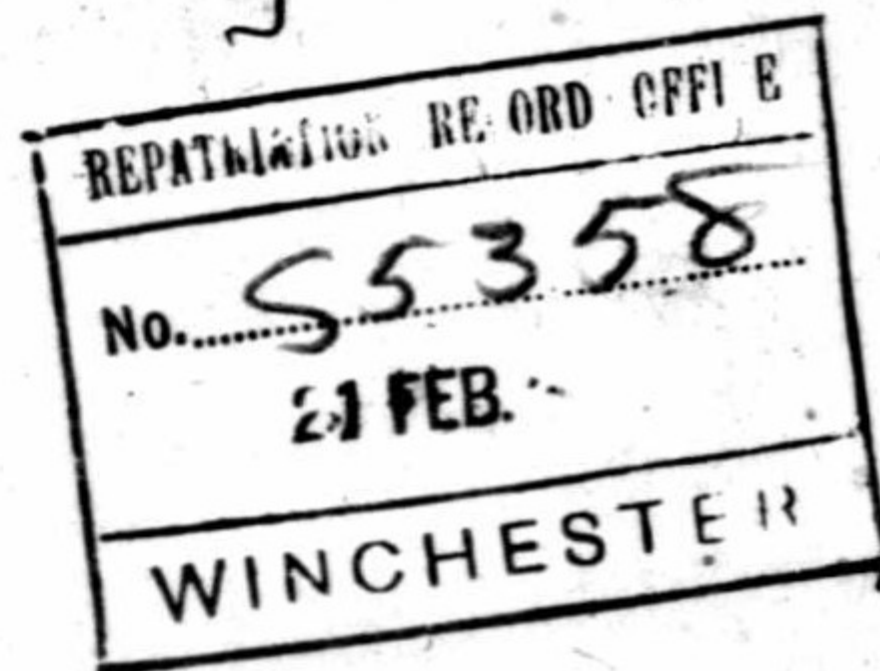
Part II. will show particulars of those of Group 45 (B) who undertake to embark at the first opportunity, and remain in the service until passages are available.

A SEPARATE FORM WILL BE USED FOR OFFICERS.

To be compiled in quadruplicate and rendered through the usual channels:—

- (i.) 3 copies containing the names, &c., of **Officers only**, to the Secretary, War Office (M.S.).
 - (ii.) 3 copies containing the particulars of **Soldiers only**, to the Officer i/c Regimental Records.
- 1 copy to be retained by the Unit as a record.

For use in War Office and Record Office only	Regimental Number and Rank	Names in full (Surname first)	Applicable to Group 45 (A) only		Country abroad and place therein from which Applicant came to join the forces
			Fixed Address whilst awaiting Passage	Dispersal Station	
	WR 250010 2/10	Daniel Harry	3. Welton Crescent, Hawthorne Avenue Sull	5. B.	Canada Saskatchewan U.K. 1



President,
Claims Board.

17 MAR 1919

Commanding

To be used for recruits enlisting direct into the Regular Army only.
Army Form B. 178^A to be used for Special Reserve recruits and
Special Reservists enlisting into the Regular Army.

MEDICAL HISTORY of

Surname Daniel Christian Name Harry

TABLE I.—GENERAL TABLE.

Birthplace ... Parish Hull County Yorks
10 NOV 1914

Examined ... (on day of 10 NOV 1914)
at CENTRAL HULL RECRUITING OFFICE

Declared Age ... 28 years 240 days.

Trade or Occupation ... Railway Constructor

Height ... 5 feet 7 1/2 inches.

Weight ... 153 lbs.

Chest Measurement { Girth when fully Expanded 37 inches.

Range of Expansion 2 1/2 inches.

Physical Development ...

Vaccination Marks { Arm ... Right Left
Number 3

When Vaccinated ... When 14 years ago

Vision ... R.E.—V= Normal L.E.—V= Normal

(a) Marks indicating congenital peculiarities or previous disease ...

(b) Slight defects but not sufficient to cause rejection ...

Approved by ... (Signature) C. E. Wait
(Rank) M.M.C.M.P. Medical Officer.

Enlisted ... at CENTRAL HULL RECRUITING OFFICE 10 NOV 1914

Joined on Enlistment	Corps.	Regtl. No.
Transferred to	ROYAL ENGINEERS.	32452

Became non-effective by ...
on day of 191
(Signature)
(Rank)

Certificate of Trade Proficiency.

Required in the case of Recruits for the Royal Artillery (Artificers and Tailors), Royal Engineers, Infantry of the Line (Tailors), Army Service Corps, and Army Ordnance Corps.

[To be attached to and preserved with the duplicate Attestation.]

I.

(To be used when the Recruit is examined in a Military Workshop.)

Place _____

Date _____ 190

I certify that Recruit _____ has been tested
in the Workshops of _____
at _____ and proves himself a * _____
† _____

Signature of Warrant Officer or Non-Commissioned Officer of the Corps Superintending. }

* Here insert "Skilled," "Fair," "Indifferent," or "Bad."
† Description of Trade.

II.

(To be used when the Recruit is examined by a Civilian Tradesman.)

I certify that no means are available for testing this Recruit at his Trade in a Military Workshop.

_____ Recruiting Officer.

Station _____

Date _____ 190

Place Newhaven

Date December 4 190 14

We. I certify that I have tested Recruit Gunner. H. Daniel
and find him to be a * Good. † Engine Driver
For. HUGHES' ENGINEERING WORKS.

Signature of Civilian Tradesman A. B. Hughes Manager.

Address Washer's Wharf Works. Newhaven

Trade Engineers

* Here insert "Very Good," "Good," "Fair," "Indifferent," or "Bad."
† Description of Trade.

Copy
Railway Operating Division, R.M.
Quebec Larrocks,
Borden.

251581
According to records here Bradbury is at present
rated for Engineer pay as a Coppersmith "proficient" with effect
from 9.8.15.

Your attention is invited to para. 216 R.A.
Corps Memo No 633 which states that no skipping over a rate ~~in~~
should be permitted. This man is, therefore, only eligible
for advancement to the "skilled" rate of Engineer pay as the
next step.

A report of the Increment should be reported
through Part II Orders, please.

CHATHAM,
15 December, 1917.

S. W. H.
for Colonel,
Officer i/c R.E. Records.

Engineer's Pay

under W.O. Letter No. 30 / Eng / 3023.

No 32459 Sapper Daniels R.

I certify that the above named Sapper executed satisfactorily a piece of work, which in my opinion was equivalent to the test laid down in R.E. Corps Memo No 633.

for Superior 1/8. Rate.

Grade 1st Lt. Driver

Date

24/9/15.

Captain. R.E.
O.C. 32nd Base Park Coy. R.E.

QUALIFICATION SHEET FOR A FIELD OR LOCO ENGINE DRIVER.

Minimum qualifications necessary in each subject for General
Qualification.

FIELD ENGINE DRIVER.

Item	Skilled	Superior	Very Superior
1	Very Superior	Very Superior	Very Superior
2	Skilled	Superior	Very Superior
3	Skilled	Superior	Very Superior
4	Skilled	Superior	Superior
5	Skilled	Superior	Very Superior
6	Skilled	Superior	Very Superior
7	Proficient	Proficient	Proficient
8	Proficient	Proficient	Proficient

LOCO ENGINE DRIVER.

Item	Skilled	Superior	Very Superior.
5	Skilled	Superior	Superior
6	} Skilled in 6 or 10	} Superior in 6 or 10	Superior
10			Superior
7	Superior	Very Superior	Very Superior
8	Skilled	Superior	Very Superior
11	Skilled	Superior	Superior

In case of Sappers, who, after doing a course, do not attain to the "Skilled" Standard, the General Qualification will be "Proficient."

A Field Engine Driver will not be eligible for "Superior" Qualifications *at the end of the course of instruction at the S. M. E.*, unless he has obtained at least 60 per cent. of marks in theoretical principles. For "Very Superior," he must have obtained at least 80 per cent. This restriction will not apply in the cases of men subsequently recommended at stations for higher qualifications.

QUALIFICATION REPORT on*

32452 Sapper Daniel, H.

who has { qualified
completed a course of instruction

as a ~~ENGINE~~ LOCO ENGINE DRIVER.

ITEM	First Report		Second Report		Third Report		Fourth Report		REMARKS (Here insert length of further practice has extended nature of the work on which has been engaged, since general qualification)
	Qualification	Initials and date†	Qualification	Initials and date†	Qualification	Initials and date†	Qualification	Initials and date†	
Self-propelled Vehicles:—									
1. Traction Engines—stoking and firing									
2. " " driving on streets and roads and across country									
3. Traction Engines—repairs, including procedure in case of breakdown									
4. Steam Lorries—driving, including procedure in case of breakdown									
Stationary Engines:—									
5. Firing and Driving Steam Engines, and repairs to same	Superior								
6. Driving Gas or Oil Engines, and repairs to same	Superior								
Locomotives:—									
7. Fireman's Duties { Including knowledge of railway	V. Superior								
8. Driver's Duties { working and regulations	V. Superior								
Internal Combustion Engined Vehicles:—									
9. Driving, including procedure in case of breakdown									
Miscellaneous:—									
10. Working a Pumping Station	Superior								
11. Engine Erecting	Superior								
12. Qualification in an Iron Trade									
13.									
14.									
Signature of Company, Division, or other Officer vouching for qualification in above details	R.E. Base Station Park, 7/6/1916 Havre.		Station / /191		Station / /191		Station / /191		
General Qualification	very superior.								
Signature of { Supt. of Workshops, for Field } { Officer i/c Locomotive } Engine { Dept., Longmoor, for Loco } Drivers vouching for General Qualifications	S. Keen								
Signature of { Commandant, S. M. E., for Field } { O. C. Railway Companies, } Engine { R. E., for Loco } Drivers approving General Qualifications									

* Here insert regimental number and name, but no rank.

† For the initials of the examining officer in the case of each item.

Only general qualifications count towards engineer pay, and then only when approved by the approving officer.

Qualifications in alternative subjects may be accepted in lieu of some of those laid down at the discretion of the approving officer.

For method of completing this form, see reverse of form, and also Corps Memoranda.

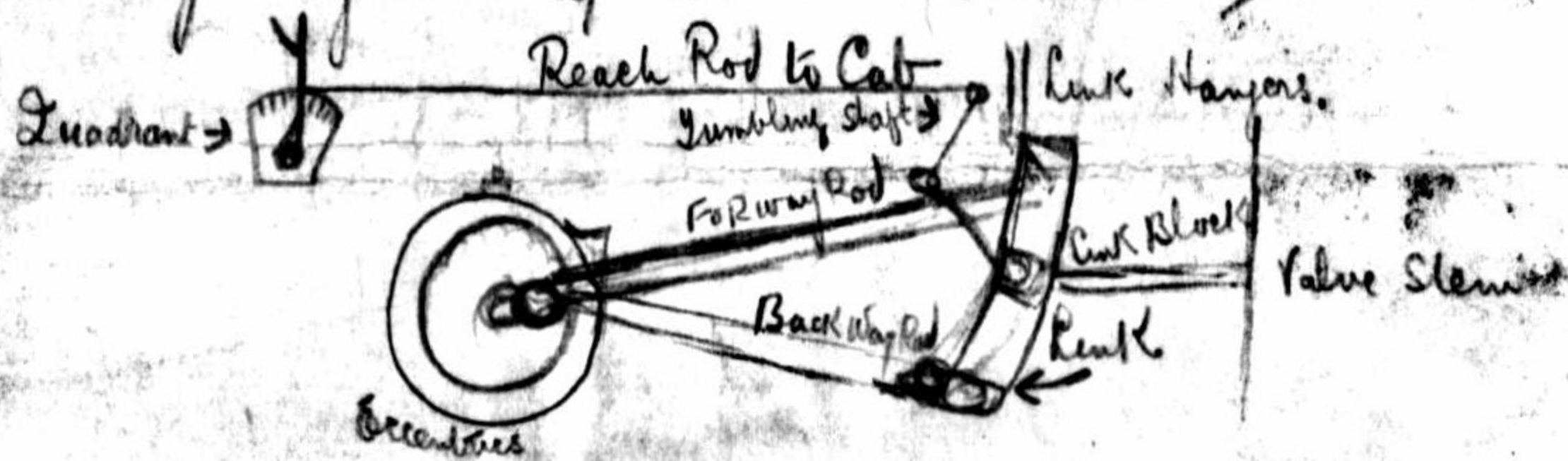
Trade Test Paper Sapper W Daniel 37152 R6
Question 1 (a) Outside Lap.

This, lap, is the amount valve projects beyond the port openings when it is mid position & is used & provided to give varying points of cut off.

(b) Inside ~~lap~~ Lap. This is a projection inside valve and over inside of steam port - result - delays release of steam.

(c) Lead. Inside lead is to hasten the release of steam. The width of cavity is more than distance over ports. As a rule, Locomotives have the inside width of cavity equal to distance between the outside edges of bridges which separate ports. Lead is the opening in advance, of the valve to admit steam and varies according to type of engine & nature of work required. (B) Answer is at end of paper. missed here)

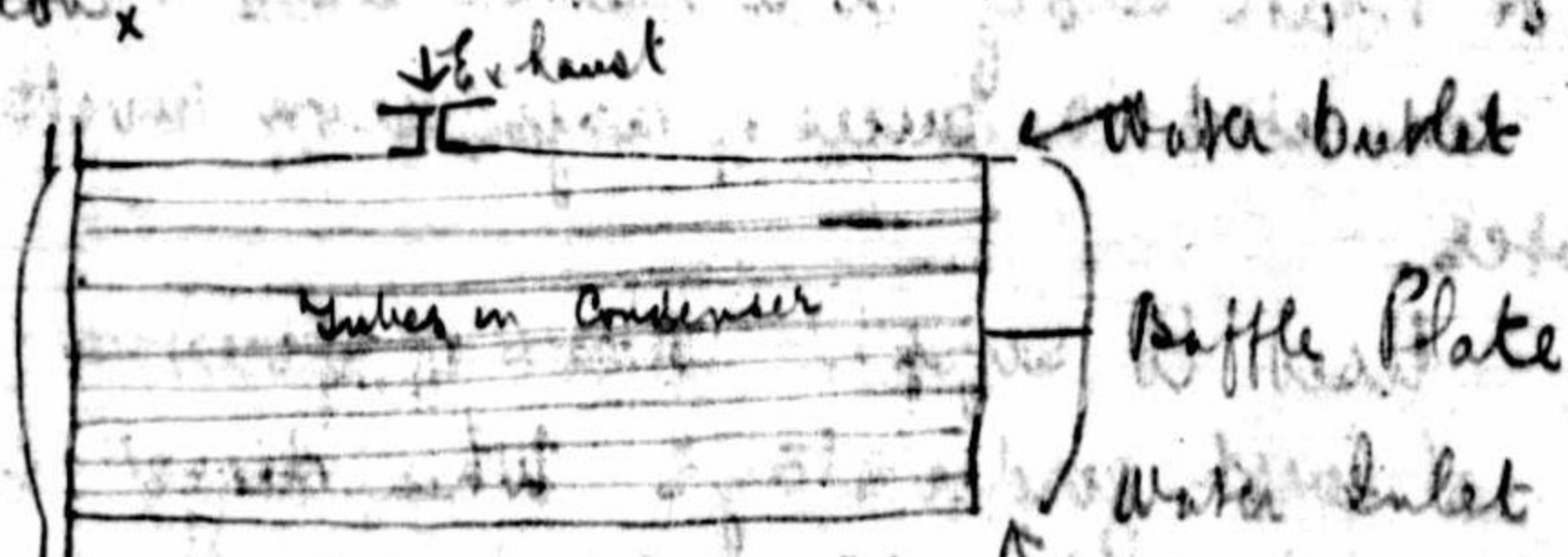
2. Describe by diagram Stephenson Link Motion.



The principle involved is the method of admitting, using, & releasing steam from boiler to cylinders, then to atmosphere through blast pipe. 1st Steam is admitted then valve is closed called cut off next we have expansion after is exhaust called release. Valve to exhaust position is closed before piston reaches the end of stroke & steam trapped is cushioned & compressed. After that valve opens to lead. Notching up means the raising of reverse lever in cab and by this means altering the position of the eccentrics in their stroke or revolutions shortening thus the travel of valve, hastening cut off & release. Engines are always notched up when running at high speed sometimes almost to mid position but it varies according to, speed, load, and gradients. Never run engine with reverse lever notched up & no steam applied to cylinders. 3. Advantages of Compound over Single Acting Engine. Theoretically many. Practically none. Compound Locomotives are all superseded by Super-heated simple engines in latter

Compounding means the using two or more of steam. Steam leaves the simple engine to exhaust pipe at comparatively high pressure (to the advantage of the raising of steam). In a compound low the steam is passed over into a second and larger cylinder by or in which it is made to perform a second cycle of operations & work before being allowed to escape to atmosphere. Compound engines as used in locomotives differ in type & application but the principle is the same. Theoretically a compound engine should use less coal & water for the same work, but in practice they differ but little & sometimes they use more. Many types are in England usually 2 or even 3 cylinder compounds. In America the Schenectady Compound was frequently met with. This type has an intercepting valve by means of which the engine can be worked as simple if required (usually when starting a train). It is held open by air. Other types are "Automatic" compounds in which engine automatically compounds itself after a few revolutions as the pressure indicates in receiver. The Wilson Worcester Compound & Webb Compound are more frequent in England.

Question 4. Surface Condenser is a method by which steam after being used is re-converted to water. Steam is passed through a tank through, or in which, is a multitubular system of tubes offering great surface to water in circulation, outside tube area & is condensed in its circulation; the heat is given off to the water which, too, is in constant circulation.



Question 5 (a) What is I.H.P. It is the work done by steam in the cylinder.

B.H.P. It is the work actually performed by engine - Tractive Effort.

Formula for I.H.P. is $\frac{P.L.A.N.}{33000}$ B.H.P. is $\frac{C.W.R.}{33000}$

Continued Test

Question 5(b) This question of making indicator diagrams comes more in the scope of mechanists & fitters or specialists. In America special attention is paid to indicator diagrams and special apparatus devised for the taking of cards which show various movements of valves, cut off, etc, and indicate any errors in the cycle of operations.

Question No 5(c) No Card.

○ Cornish Boiler

○○ Lancashire Boiler

Question 6. Difference between Cornish, Lancashire, Locomotive & Water Tube Boilers. Cornish Boilers have but 1 flue in centre of boiler. Lancashire boilers have 2 flues side by side. Locomotive Boilers have a fire box surrounded by water and tubes at front end of firebox through which gases are led to a smokebox or combustion chamber then to atmosphere. Loco boilers are vertical fired & horizontal. Main parts: Inner & outer firebox or shell. Barrel containing the tubes & the smoke box. Number of tubes from 150 to 250. Water tube boilers have the water inside the tubes & gases outside rapid heating free steam may meet holes at ends of each tube for cleaning. Some locos have water tubes as a support - usually where no buck arch is used.

Palm Stay is used to connect that portion of firebox tube plate below tubes to the barrel. Stays are flattened at one end to take rivets other end is drilled & tapped to receive set bolts.

Gusset Stay or Plate Stay is a method used to support firebox by pieces of plate connected to pieces of angle iron rivetted to boiler barrel and end plates.

Roof Stays Used to support crown of firebox. Direct stays to outer shell or with girdle stays. When direct stays are used they pass through outer shell to an end in inside of firebox squared to fit a spanner. 1st second row of stays are made special form they permit upward but resist a collapsing pressure. Direct stays are best in all cases hence the superiority of Belpaire firebox.

Question No 6 continued overleaf.

Question No 6. continued

How is Water Fed into a Boiler under Steam.

By the principle on which an injector works. if one or more are used and not a pump. On locomotives injectors are universal & being provided. The principle on which an injector works is one that was first discovered by Giffard in 1859 and is still in operation although many variations are met with nowadays. This principle is that a jet of steam issuing from a coned nozzle under a given pressure possesses or has more velocity than a corresponding jet of water would have and if a jet of steam be brought into contact suddenly with a flow of water a portion of it is condensed, its velocity becomes imparted to the water, to a sufficient extent to enable the combined steam & water to raise the boiler check & enter boiler. It is necessary for the water to be cold enough to condense steam or it will not work. Injector cones are measured in millimetres & the smallest one ^{for delivery} governs the size of injector & cones are diminishing to convert pressure into velocity and expanding to convert speed into pressure after jets across over-flow valve has been passed.

Question 7 (A) Hydraulic Accumulators are provided to assist in maintaining a steady pressure after the water has been pumped from the engine. They consist of a receptacle for holding the pressured water which is further pressed by a piston of large size in the lower weighted with heavy weights. Usual pressure is from 100 to 900 lbs. Rock coal hawks & cranes have about 800 to 900 ^{lbs} also gates. Accumulators are often placed a considerable distance from the pump distance being immaterial.

Question 1 B. omitted in proper place. Angular Advance is the amount eccentric is set to differ from what would be the angle (90°) if no lap or lead were required. This variation from 90° is the angular advance of the eccentric.

Question 7 A.

How much can a 8" dia. hyd lift. line at 80 lbs per sq".



Angular Advance.

$$\frac{14050}{7} = 2011 \frac{3}{4} \text{ lbs.}$$

Signed 32452 Spr H. Daniel R.E.

Battalion 12th Depot R.E.

Regiment.

Army Form B. 2063

DESCRIPTIVE RETURN of a man under three months' service who is desirous of being transferred to another Corps under the King's Regulations.

No. 16Station NewhavenDate 8th December, 1914

EASTERN COMMAND

Rank and Name

Date of Enlistment	Period for which attested		Age		Height		Chest measurement		Weight	Character	Trade	Place of Enlistment	Where born	Regiment or Corps to which the man wishes to be transferred	Reasons for transfer as given by the man	Remarks
	With Colours	In Reserve	Years	Months	Feet	Inches	Girth when fully Expanded Inches	Range of Expansion Inches					County			
<u>10th 14</u>	<u>3</u>	<u>✓</u>	<u>28</u>	<u>9</u>	<u>5</u>	<u>4¹/₂</u>	<u>34</u>	<u>2</u>	<u>153</u>	<u>Good (no injury)</u>	<u>Railway Constructor</u>	<u>Hull</u>	<u>Yorks</u>	<u>R. E.</u>	<u>Desires to work at his trade</u>	

I understand that, on my transfer to the R. E. (Regiment or Corps), my conditions of service will be modified (if necessary) so as to correspond with the general conditions of service in that Regiment or Corps, in accordance with Section 83 (3) of the Army Act.

* I have examined the above-named man and find him medically fit for the branch of the Service to which he wishes to be transferred.

I have ascertained from the Approving Field Officer that the reasons for transfer as given by the man are correct, and I consider him likely to become an efficient soldier. I have no objection to his transfer.

(Signature of Soldier)

Harry Daniel

(Signature of Medical Officer)

R. H. Shaw

(Signature of Officer Commanding)

H. Daniel

CHARGE.

a **BATTERY, SQUADRON, TROOP OR COMPANY.**

CHARGE against No. 32452 Spr. Daniels H.

Place.	Date of offence.	Offence.	Names of witnesses.	Punishment awarded	By whom awarded.
Chatterden	10/5/15	Absent from Tattoo roll call 10.5.15 until reporting himself to the Ord. Cpl at 4.20 p.m. 11.5.15 (Absent 2 hrs 50 min)	Lee Cpl Smith R	2 days pay 2 days N.W. <u>11.5.15</u>	7. J. Porter Lieut. R.E. O.C. R.E. Det.

7. J. Porter
Lieut. R.E.
Commanding ~~Battery~~ Det. R.E.
~~Squadron, Troop or Company.~~

8. J. Porter
Capt. R.E.