Test Report Issued To:

PALOMA REALTY LLP

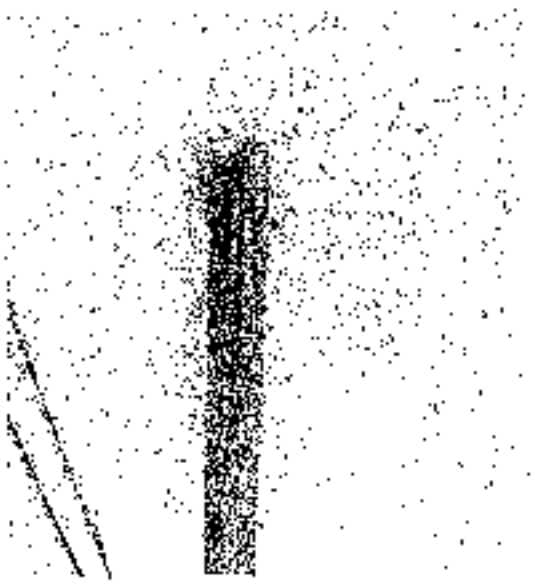
7/98 - 7/99,
TILAK NAGAR,
KANPUR, UTTAR PRADESH - 208002,
INDIA

Test Report No:	K2408070007/K2408070007-10
Issue Date:	09-Aug-2024
Sample Booking/Receipt Date:	07-Aug-2024
Test Start Date:	08-Aug-2024
Test Completion Date:	08-Aug-2024

Customer Relationship Number 78800

Sample Description :

TMT BAR DIA-8 MM MAKE-TATA, GRADE-FE-550D



Customer Reference No :
REF NO.010/PALOMA, DT-07.08.2024

Kind Attention : MR. ABHSIHEK

E-Mail: abhishek@heritageconstruction.in Contact No: 7007841279

Sample Condition : Good

Sample Quantity (Approx) : 3 - PCS Sample Size (Approx) : 1 - m

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED

Digitally signed by SURAJ PANDEY
Date: 2024.08.09 14:58:06 +05'30'

Report Issued By

LOW ALLOY STEEL

Date: 08/08/2024 11:39:00 AM
Sample ID: K240807007-10

Program: Fe-703 Low Alloy Steel
Comment: Fe-703 Low Alloy Steel

Element	%	Specified	Confirmity	Test Method
Aluminium	0.001	---	---	ASTM E 415: 2021
Niobium	0.002	---	---	--do--
Cobalt	0.005	---	---	--do--
Lead	0.001	---	---	--do--
Tungsten	0.001	---	---	--do--
Carbon Equivalent	0.42	0.61 Max	Yes	-

Note : C.E. has been calculated by C + Mn / 6 + (Cr + Mo + V) / 5 + (Ni + Cu) / 15
Remark: Sample confirms to the requirements of IS:1786-2008Gr-Fe 550 D (RA-2017) w.r.t above test.

09-08-24

Digitally signed by SANJEEV KUMAR MISHRA
Date: 2024.08.08 14:59:36 +0530

Spectro Research Lab Ventures (P) Limited (collectively "ES") is pleased to provide the Customer (as defined below) with the Services (as defined below) subject to the terms and conditions set out herein:

1. Scope of Application

1.1 [illegible] supplied by Spectro Research Lab Ventures (P) Ltd (collectively "ES") [illegible] Terms and Conditions ("Terms") [illegible] ES [illegible] ES [illegible] ES [illegible] ES [illegible]

1.2 [illegible]

1.3 [illegible] Spectro Research Lab Ventures (P) Ltd [illegible]

1.4 [illegible] ES [illegible] Terms [illegible] ES [illegible]

2. Placing of Orders

2.1 [illegible] ES [illegible]

2.2 [illegible]

2.3 [illegible]

2.4 [illegible]

3. Prices and Terms of Payment

3.1 [illegible] ES [illegible]

3.2 [illegible]

3.3 [illegible]

3.4 [illegible]

3.5 [illegible]

3.6 [illegible]

4. Delivery of Customer's Goods by Sample Receipt Notes

4.1 [illegible] ES [illegible]

4.2 [illegible]

4.3 [illegible]

5. Property Rights in Sample Handled and Sample Storage

5.1 [illegible] ES [illegible]

5.2 [illegible]

5.3 [illegible]

6. Delivery Dates, Transport of Files

6.1 [illegible] ES [illegible]

6.2 [illegible]

6.3 [illegible]

7. Transfer of Ownership

7.1 [illegible] ES [illegible]

7.2 [illegible]

8. Limited Warranty and Complaint Flow

8.1 [illegible] ES [illegible]

8.2 [illegible]

8.3 [illegible]

8.4 [illegible]

8.5 [illegible]

9. Limitation of Liability

9.1 [illegible] ES [illegible]

9.2 [illegible]

9.3 [illegible]

9.4 [illegible]

9.5 [illegible]

9.6 [illegible]

10. Force Majeure

[illegible] ES [illegible]

11. Confidentiality, Processing of Data or Data

11.1 [illegible]

11.2 [illegible]

11.3 [illegible]

11.4 [illegible]

11.5 [illegible]

12. Other Provisions

12.1 [illegible]

12.2 [illegible]

12.3 [illegible]

12.4 [illegible]

12.5 [illegible]

13. Other Provisions

13.1 [illegible] ES [illegible] ARE EXCLUDED.

13.2 [illegible]

13.3 [illegible]

13.4 [illegible]

14. Governing Law and Jurisdiction

14.1 [illegible]

* End of Report *

Mann
09-08-24

Test Report Issued To:

PALOMA REALTY LLP

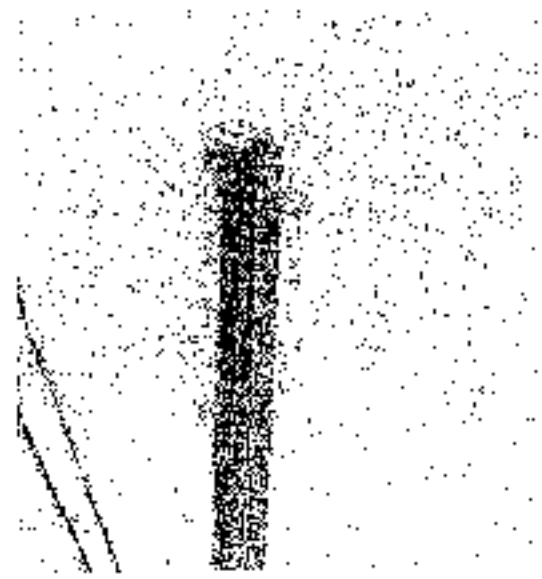
7/98 - 7/99,
TILAK NAGAR,
KANPUR, UTTAR PRADESH - 208002,
INDIA

Test Report No:	K240807007/K240807007-11
Issue Date:	09-Aug-2024
Sample Booking/Receipt Date:	07-Aug-2024
Test Start Date:	08-Aug-2024
Test Completion Date:	08-Aug-2024

Customer Relationship Number 78600

Sample Description :

TMT BAR DIA-8 MM MAKE-TATA, GRADE-FE-550D



Customer Reference No :
REF NO.010/PALOMA, DT-07.08.2024

Kind Attention : MR. ABHISHEK

E-Mail: abhishek@heritageconstruction.in Contact No: 7007941279

Sample Condition : Good

Sample Quantity (Approx) : 3 - PCS Sample Size (Approx) : 1 - m

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEM(S) TESTED

Mon 09-08-24

Digitally signed by SURAJ PANDEY
Date: 2024.08.09 14:32:47 +05'30'

Report Issued By

ILR-TC7045240000073 61F

Authenticity of report can be verified on email verification@specificlab.in

LOW ALLOY STEEL

Date: 08/08/2024 11:39:00 AM
Sample ID: K240807007-11

Program: Fe-703 Low Alloy Steel
Comment: Fe-703 Low Alloy Steel

Element	%	Specified	Confirmity	Test Method
Carbon	0.210	0.25 Max	Yes	ASTM E 415: 2021
Silicon	0.234	---	---	--do--
Manganese	1.14	---	---	--do--
Sulphur	0.034	0.04 Max	Yes	--do--
Phosphorus	0.0350	0.04 Max	Yes	--do--
Nickel	0.070	---	---	--do--
Chromium	0.044	---	---	--do--
Molybdenum	0.021	---	---	--do--
Copper	0.060	---	---	--do--
Boron	0.0003	---	---	IS 8811: 1998
Vanadium	0.015	---	---	ASTM E 415: 2021

Remark: Sample confirms to the requirements of IS:1786-2008Gr-Fe 550 D (RA-2017) w.r.t above test.

09-08-24

Digitally signed by SANJEEB KUMAR MISHRA
Date: 2024.08.06 14:32:47 +05'30'

JD-K240807007-1

Sample condition: Un-machined

Tmt (mm) 8

Discipline-Mechanical
Group-Mechanical properties of metals

S.No	Test Parameter	Results	Requirement value as per IS:1786-2008(R-18) Gr Fe550D	Test method
1	Ultimate Tensile strength (N/mm^2)	809.7	Not less than 600(N/mm^2)	IS 1608(pt-1)-2022
2	Yield stress (N/mm^2)	714.9	550min.	IS 1608(pt-1) 2022
3	Elongation (%)	21.7	14.5Min.	IS 1608(pt-1)-2022
4	Mass per meter(kg)	0.403	0.395±7%	IS 1786-2008(R-18)
5	Bend Test(180^0x4d)	No rupture & no crack visible on the bent portion.	The specimen shall be considered to have passed the test if there is no rupture or crack visible to a person of normal or corrected vision on the bent portion.	IS 1599-2019
6	Re-Bend test i. Angle of bend:135^0x6d Angle of re bend:157.5^0x6d	No rupture & no crack visible on the rebent portion.	The specimen shall be considered to have passed the test if there is no rupture or crack visible to a person of normal or corrected vision on the rebent portion	IS 1786-2008(R-18)

Remark: The sample confirms IS: 1786-2008(R-18) Gr Fe550D with respect above test results.

09-08-24

Digitally signed by Satish Yadav
Date: 2024.08.09 14:32:42 +05'30'

[illegible]

1. Scope of Application

[illegible]

2. Prices

[illegible]

3. Payment and Terms of Payment

[illegible]

4. Delivery of Goods in Delivering Samples to Reseller

[illegible]

5. Property Rights on Sample Physical and Sample Storage

[illegible]

6. Delivery Dates, Delivery Time

[illegible]

7. Transfer of Property

[illegible]

8. Limited Warranties and Responsibilities

[illegible]

9. Indemnity

[illegible]

10. Liability

[illegible]

11. Force Majeure

[illegible]

12. Confidentiality; Preserving of Customer Data

[illegible]

13. Disclaimer and Miscellaneous

[illegible]

14. Governing Law; Jurisdiction

[illegible]

* End of Report *

Test Report Issued To:

PALOMA REALTY LLP

7/98 - 7/99,
TILAK NAGAR,
KANPUR, UTTAR PRADESH - 208002,
INDIA

Test Report No:	K240807007/K240807007-21
Issue Date:	09-Aug-2024
Sample Booking/Receipt Date:	07-Aug-2024
Test Start Date:	08-Aug-2024
Test Completion Date:	08-Aug-2024

Customer Relationship Number 78800

Sample Description :

TMT BAR DIA-10 MM MAKE-TATA, GRADE-FE-550D

Customer Reference No :
REF NO.010/PALOMA, DT-07.08.2024

Kind Attention : MR. ABHSIHEK

E-Mail: abhishek@heritageconstruction.in Contact No: 7007841279

Sample Condition : Good

Sample Quantity (Approx) : 3 - PCS Sample Size (Approx) : 1 - m

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED

Digitally signed by SURAJ PANDEY
Date: 2024.08.09 14:30:36 +05'30'

Report Issued By

ULR-TC7945240806073627

Authenticity of report can be verified by mail at certification@spectralab.in

This is a Digitally Signed Report and Hence does not require Physical Signature

LOW ALLOY STEEL

Date: 08/08/2024 11:43:00 AM
Sample ID: K240807007-21

Program: Fe-703 Low Alloy Steel
Comment: Fe-703 Low Alloy Steel

Element	%	Specified	Confirmity	Test Method
Carbon	0.213	0.25 Max	Yes	ASTM E 415: 2021
Silicon	0.209	—	—	--do--
Manganese	1.15	---	---	--do--
Sulphur	0.016	0.04 Max	Yes	--do--
Phosphorus	0.0334	0.04 Max	Yes	--do--
Nickel	0.122	---	---	--do--
Chromium	0.063	---	---	--do--
Molybdenum	0.066	---	---	--do--
Copper	0.079	---	---	--do--
Boron	0.0001	---	---	IS 8811: 1998
Vanadium	0.033	---	---	ASTM E 415: 2021

Remark: Sample confirms to the requirements of IS:1786-2008Gr-Fe 550 D (RA-2017) w.r.t above test.

Mewa
09-08-24

SANJEET KUMAR MISHRA
Reviewed By

Digitally signed by SANJEET KUMAR MISHRA
Date: 2024.08.08 14:58:56 +05:30
Authorised Signatory

ID-K240807007-2

Sample condition: Un-machined

Tmt (mm):10

Discipline-Mechanical
Group Mechanical properties of metals

S.No	Test Parameter	Results	Requirement value as per IS:1786-2008(R-18) Gr-Fe550D	Test method
1	Ultimate Tensile strength (N/mm²)	650.6	Not less than 600(N/mm²)	IS 1608(pt-1)-2022
2	Yield stress (N/mm²)	759.0	550min.	IS 1608(pt-1)-2022
3	Elongation (%)	20.9	14.5Min.	IS 1608(pt-1)-2022
4	Mass per meter(kg)	0.588	0.617,±7%	IS 1786-2008(R-18)
5	Bend Test(180°x4d)	No rupture & no crack visible on the bent portion.	The specimen shall be considered to have passed the test if there is no rupture or crack visible to a person of normal or corrected vision on the bent portion.	IS 1599-2019
	Re-Bend test			
6	i. Angle of bend:135°x6d Angle of re bend:157.5°x6d	No rupture & no crack visible on the rebent portion.	The specimen shall be considered to have passed the test if there is no rupture or crack visible to a person of normal or corrected vision on the rebent portion	IS 1786-2008(R-18)

Remark: The sample confirms IS: 1786-2008(R-18) Gr-Fe550D with respect above test results.

09-08-24

SURAJ PANDEY
Reviewed By

ilac-MRA

TC-7026

Digitally signed by Sakshi Yadav
Date: 2024.08.09 14:50:54 +05:30

Authorised Signatory

1. Application

1.1 This Order accepted by Sancho Research Lab Ventures [illegible] (ES) [illegible] Terms and Conditions of Sales (the "Terms and Conditions") including orders placed by [illegible] which are not limited to, not limited to [illegible] and other terms [illegible] Any sales contract [illegible] ES [illegible] ES products [illegible] Buyer [illegible] ES [illegible] ES products [illegible] Buyer [illegible] ES [illegible] ES products [illegible] Buyer

Test Report Issued To:

PALOMA REALTY LLP

7/98 - 7/99,
TILAK NAGAR,
KANPUR, UTTAR PRADESH - 208002,
INDIA

Test Report No:	K240807007/K240807007-20
Issue Date:	09-Aug-2024
Sample Booking/Receipt Date:	07-Aug-2024
Test Start Date:	08-Aug-2024
Test Completion Date:	08-Aug-2024

Customer Relationship Number 78800

Sample Description :

TMT BAR DIA-10 MM MAKE-TATA, GRADE-FE-550D

Customer Reference No :
REF NO.01D/PALOMA, DT-07.08.2024

Kind Attention : MR. ABHISHEK

E-Mail: abhishek@heritageconstruction.in Contact No: 7007041279

Sample Condition : Good

Sample Quantity (Approx) : 3 - PCS Sample Size (Approx) : 1 - m

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED

09-08-24

Digitally signed by SURAJ PANDEY
Date: 2024.08.09 14:57:28 +05'30'

Report Issued By

Authenticity of report can be verified by mail at verification@specotech.in
This is a Digitally Signed Report and hence doesn't require Physical Signature.

LOW ALLOY STEEL

Date: 08/08/2024 11:43:00 AM
Sample ID: K240807007-20

Program: Fe-703 Low Alloy Steel
Comment: Fe-703 Low Alloy Steel

Element	%	Specified	Confirmity	Test Method
Aluminium	0.001	---	---	ASTM E 415: 2021
Niobium	0.004	---	---	--do--
Cobalt	0.001	---	---	--do--
Lead	0.001	---	---	--do--
Tungsten	0.001	---	---	--do--
Carbon Equivalent	0.45	0.61 Max	Yes	-

Note : C.E. has been calculated by C + Mn / 6 + (Cr + Mo + V) / 5 + (Ni + Cu) / 15
Remark: Sample confirms to the requirements of IS:1786-2008Gr-Fe 550 D (RA-2017) w.r.t above test.

09-08-24

Digitally signed by SANJEEP KUMAR DASGRA
Date: 2024.08.08 14:51:26 +05'30'

Reviewed By

1. Applicable Law

1.1 [illegible] Specific Research Lab Venture(P) Limited

1.8 [illegible]

2. Placement of Order

2.1 [illegible]

2.2 [illegible]

2.3 [illegible]

2.4 [illegible]

3. Prices and Terms of Payment

3.1 [illegible]

3.2 [illegible]

3.3 [illegible]

3.4 [illegible]

3.5 [illegible]

3.6 [illegible]

4. Duties of Customer in Delivering Samples and Materials

4.1 [illegible]

4.2 [illegible]

4.3 [illegible]

6. Property rights, patents, trademarks and Sample Reports

6.1 [illegible]

6.2 [illegible]

6.3 [illegible]

6.4 [illegible]

6. Delivery Dates, Transportation

6.1 [illegible]

6.2 [illegible]

7. Transfer of Property

7.1 [illegible]

7.2 [illegible]

8. Liability and Responsibility

8.1 [illegible]

8.2 [illegible]

8.3 [illegible]

9. Limitation of Liability

9.1 [illegible]

9.2 [illegible]

9.3 [illegible]

10. Repeated Analysis

[illegible]

11. Force Majeure

[illegible]

12. Confidentiality & Processing of Customer Data

12.1 [illegible]

12.2 [illegible]

12.3 [illegible]

12.4 [illegible]

12.5 [illegible]

12.6 [illegible]

13. Warranties and Disclaimers

13.1 ALL TERMS, CONDITIONS AND WARRANTIES (INCLUDING ANY IMPLIED WARRANTY AS TO VERIFIABLE QUALITY OR FITNESS FOR A PARTICULAR PURPOSE) AS TO THE MANNER, QUALITY AND TIMELINESS OF THE TESTING SERVICE AND RESULTS, EQUIPMENT, PRODUCTS OR SOFTWARE SUPPLIED HEREUNDER ARE EXCLUDED TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW. THE WARRANTIES, REPRESENTATIONS AND LIABILITIES OF ES CONTAINED IN THIS AGREEMENT ARE EXCLUSIVE.

13.2 [illegible]

13.3 [illegible]

13.4 [illegible]

14. Governing Law and Jurisdiction

14.1 [illegible]

* End of Report *

Test Report Issued To:

PALOMA REALTY LLP

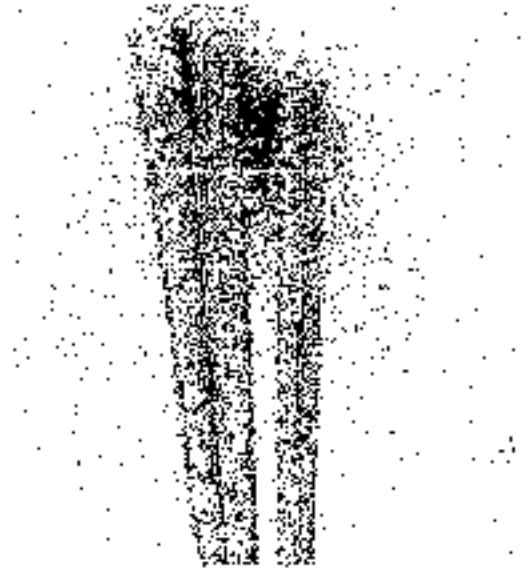
7/96 - 7/99,
TILAK NAGAR,
KANPUR, UTTAR PRADESH - 208002,
INDIA

Test Report No:	K240807007/K240807007-30
Issue Date:	09-Aug-2024
Sample Booking/Receipt Date:	07-Aug-2024
Test Start Date:	08-Aug-2024
Test Completion Date:	08-Aug-2024

Customer Relationship Number 78800

Sample Description :

TMT BAR DIA-16 MM MAKE-TATA. GRADE-FE-550D



Customer Reference No :
REF NO.010/PALOMA, DT-07.08.2024

Kind Attention : MR. ABHSIHEK

E-Mail: abhishek@heritageconstruction.in Contact No: 7007841279

Sample Condition : Good

Sample Quantity (Approx) : 3 - PCS Sample Size (Approx) : 1 - m

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED

Digitally signed by SURAJ PANDEY
Date: 2024.08.08 14:52:13 +0530

Report Issued By

DISCIPLINE - CHEMICAL
GROUP - METALS & ALLOYS
PRODUCT - LOW ALLOY AND CARBON STEEL

LOW ALLOY STEEL

Date: 08/08/2024 11:44:00 AM
Sample ID: K240807007-30

Program: Fe-703 Low Alloy Steel
Comment: Fe-703 Low Alloy Steel

Element	%	Specified	Confirmity	Test Method
Aluminium	0.001	---	---	ASTM E 415: 2021
Cobalt	0.001	---	---	--do--
Lead	0.001	---	---	--do--
Tungsten	0.001	---	---	--do--
Carbon Equivalent	0.42	0.61 Max	Yes	-

Note : C.E. has been calculated by C + Mn / 6 + (Cr + Mo + V) / 5 + (Ni + Cu) / 15
Remark: Sample confirms to the requirements of IS:1786-2008Gr.Fe 550 D (RA-2017) w.r.t above test.

09-08-24

Digitally signed by SANJEEVSUMAR MISURA
Date: 2024.08.08 14:52:30 +05'30'

with the Research Lab Ventures [illegible] Limited (collectively "ES") will be performed by Bureau Services Terms and Conditions of Sale (the "Terms and Conditions"), and any other agreed upon by the parties which shall hereinafter collectively [illegible] the "Terms and Conditions" [illegible] Terms and Conditions constitute the binding [illegible] between the parties [illegible] ES [illegible] accepted by ES in writing [illegible] ES [illegible] ES [illegible] ES

Test Report Issued To:

PALOMA REALTY LLP

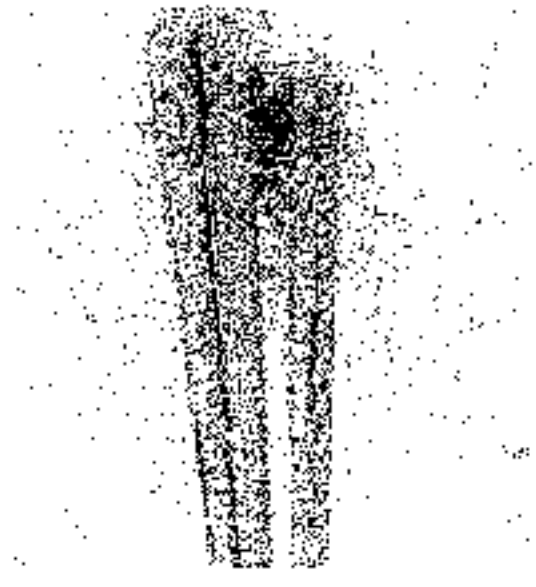
7/98 - 7/99,
TILAK NAGAR,
KANPUR, UTTAR PRADESH - 208002,
INDIA

Test Report No:	K240807007/K240807007-31
Issue Date:	09-Aug-2024
Sample Booking/Receipt Date:	07-Aug-2024
Test Start Date:	08-Aug-2024
Test Completion Date:	08-Aug-2024

Customer Relationship Number 78800

Sample Description :

TMT BAR DIA-16 MM MAKE-TATA, GRADE-FE-550D



Customer Reference No :
REF NO.019/PALOMA, DT-07.08.2024

Kind Attention : MR. ABHSIHEK

E-Mail: abhishek@heritageconstruction.in Contact No: 7007641279

Sample Condition : Good

Sample Quantity (Approx) : 3 - PCS Sample Size (Approx) : 1 - m

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED

09-08-24

Digitally signed by GURAU PANDEY
Date: 2024.08.08 17:37:05 +05'30'

Report Issued By

ULR-TC7845240000007363F

Authenticity of report can be verified by mail at verification@spectrolab.in

DISCIPLINE - CHEMICAL
GROUP - METALS & ALLOYS
PRODUCT - LOW ALLOY AND CARBON STEEL

LOW ALLOY STEEL

Date: 08/08/2024 11:44:00 AM
Sample ID: K240807007-31

Program: Fe-703 Low Alloy Steel
Comment: Fe-703 Low Alloy Steel

Element	%	Specified	Confirmity	Test Method
Carbon	0.190	0.25 Max	Yes	ASTM E 415: 2021
Silicon	0.186	---	---	--do--
Manganese	1.10	---	---	--do--
Sulphur	0.020	0.04 Max	Yes	--do--
Phosphorus	0.0140	0.04 Max	Yes	--do--
Nickel	0.026	---	---	--do--
Chromium	0.075	---	---	--do--
Molybdenum	0.046	---	---	--do--
Copper	0.038	---	---	--do--
Niobium	0.081	---	---	--do--
Boron	0.0001	---	---	IS 8811: 1998
Vanadium	0.072	---	---	ASTM E 415: 2021

Remark: Sample confirms to the requirements of IS:1786-2008Gr-Fe 550 D (RA-2017) w.r.t above test.

09-08-24

SANJEET KUMAR MISHRA

Digitally signed by SANJEET KUMAR MISHRA
Date: 2024.08.08 14:51:57 +05'30'

ID K240807007-3

Sample condition: Un-machined

Trnt (mm): 16

Discipline-Mechanical
Group-Mechanical properties of metals

S.No	Test Parameter	Results	Requirement value as per IS:1786-2008(R-18) Gr-Fe550D	Test method
1	Ultimate Tensile strength (N/mm^2)	728.4	Not less than 600(N/mm^2)	IS 1608(pt 1)-2022
2	Yield stress (N/mm^2)	643.6	550min.	IS 1608(pt-1)-2022
3	Elongation (%)	21.1	14.5min.	IS 1608(pt 1) 2022
4	Mass per meter(kg)	1.57	1.58, ±5%	IS 1786-2008(R-18)
5	Bend Test(180^0x4d)	No rupture & no crack visible on the bent portion.	The specimen shall be considered to have passed the test if there is no rupture or crack visible to a person of normal or corrected vision on the bent portion.	IS 1599-2019
6	Re-Bend test i. Angle of bend:135^0x7d Angle of re bend:157.5^0x7d	No rupture & no crack visible on the rebent portion.	The specimen shall be considered to have passed the test if there is no rupture or crack visible to a person of normal or corrected vision on the rebent portion	IS 1786-2008(R-18)

Remark: The sample confirms IS: 1786-2008(R-18) Gr-Fe550D with respect above test results.

09-08-24

SURAT PANDEY

Digitally signed by Satish Yadav
Date: 2024.08.09 14:51:57 +05:30

[illegible]

1. Area of Application

[illegible]

2. Discovery of Order

[illegible]

3. Prices and Terms of Payment

[illegible]

4. Duties of Customer in Delivering Samples or Prototype

[illegible]

5. Property Rights in Sample Material and Sample Storage

[illegible]

6. Delivery Dates, Variations and Risk

[illegible]

7. Transfer of Property

[illegible]

8. Limited Warranties and Liability

[illegible]

9. Confidentiality & Processing of Customer Data

[illegible]

10. Revoked Orders

[illegible]

11. Force Majeure

[illegible]

12. Confidentiality & Processing of Customer Data

[illegible]

13. Miscellaneous

[illegible]

14. Governing Law and Jurisdiction

[illegible]

* End of Report *

[illegible]

1. Scope of Application

1.1 [illegible]

1.2 [illegible]

1.3 [illegible]

2. Placement of Order

2.1 [illegible]

2.2 [illegible]

2.3 [illegible]

3. Prices and Terms of Payment

3.1 [illegible]

3.2 [illegible]

3.3 [illegible]

3.4 [illegible]

3.5 [illegible]

3.6 [illegible]

4. Delivery/Delivery Periods or Validity

4.1 [illegible]

4.2 [illegible]

4.3 [illegible]

4.4 [illegible]

4.5 [illegible]

5. Sample Material and Sample Storage

5.1 [illegible]

5.2 [illegible]

5.3 [illegible]

5.4 [illegible]

6. Defaults, Terms, and Title

6.1 [illegible]

6.2 [illegible]

7. Transfer of Property

7.1 [illegible]

7.2 [illegible]

8. Warranty

8.1 [illegible]

8.2 [illegible]

8.3 [illegible]

8.4 [illegible]

8.5 [illegible]

8.6 [illegible]

8.7 [illegible]

8.8 [illegible]

8.9 [illegible]

8.10 [illegible]

8.11 [illegible]

8.12 [illegible]

8.13 [illegible]

8.14 [illegible]

8.15 [illegible]

8.16 [illegible]

8.17 [illegible]

8.18 [illegible]

8.19 [illegible]

8.20 [illegible]

8.21 [illegible]

8.22 [illegible]

8.23 [illegible]

8.24 [illegible]

8.25 [illegible]

8.26 [illegible]

8.27 [illegible]

8.28 [illegible]

8.29 [illegible]

Test Report Issued To:

PALOMA REALTY LLP

7/98 - 7/99,
TILAK NAGAR,
KANPUR, UTTAR PRADESH - 208002,
INDIA

Test Report No:	K240807007/K240807007-41
Issue Date:	09-Aug-2024
Sample Booking/Receipt Date:	07-Aug-2024
Test Start Date:	08-Aug-2024
Test Completion Date:	08-Aug-2024

Customer Relationship Number 78800

Sample Description :

TMT BAR DIA-20 MM MAKE-TATA, GRADE-FE-550D

Customer Reference No :
REF NO.010/PALOMA, DT-07.08.2024

Kind Attention : MR. ABHISHEK

E-Mail: abhishek@heritageconstruction.in Contact No: 7007841279

Sample Condition : Good

Sample Quantity (Approx) : 3 - PCS Sample Size (Approx) : 1 - m

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED

Digitally signed by SURESH PANDEY
Date: 2024.08.09 14:48:42 +05:30
Report Issued By

09-08-24

ULR-TC7845240000007364F

Authenticity of report can be verified by mail at verification@asecklab.in

DISCIPLINE - CHEMICAL
GROUP - METALS & ALLOYS
PRODUCT - LOW ALLOY AND CARBON STEEL

LOW ALLOY STEEL

Date: 08/08/2024 11:47:00 AM
Sample ID: K240807007-41

Program: Fe-703 Low Alloy Steel
Comment: Fe-703 Low Alloy Steel

Element	%	Specified	Confirmity	Test Method
Carbon	0.195	0.25 Max	Yes	ASTM E 415: 2021
Silicon	0.216	---	---	--do--
Manganese	1.11	---	---	--do--
Sulphur	0.011	0.04 Max	Yes	--do--
Phosphorus	0.0250	0.04 Max	Yes	--do--
Nickel	0.114	---	---	--do--
Chromium	0.047	---	---	--do--
Molybdenum	0.065	---	---	--do--
Niobium	0.033	---	---	--do--
Boron	0.0001	---	---	IS 8611: 1998
Vanadium	0.024	---	---	ASTM E 415: 2021

Remark: Sample confirms to the requirements of IS:1786-2008Gr-Fe 550 D (RA-2017) w.r.t above test

09-08-24

SANJEET KUMAR MISHRA

Digitally signed by SANJEET KUMAR MISHRA
Date: 2024.08.08 14:12:12 +05'30'

Spectro Research Lab Ventures (P) Limited (ESL) agrees to provide services to the customer subject to the terms & conditions contained herein.

1. Area of Application

1.1 [illegible] Spectro Research Lab Ventures (P) Limited (ESL) [illegible] by the terms and conditions of this Terms and Conditions, [illegible] [illegible] ESL [illegible] ESL [illegible] ESL [illegible] ESL [illegible]

1.2 [illegible] by ESL [illegible] Spectro Research Lab Ventures (P) Limited

1.3 [illegible] ESL [illegible] ESL [illegible] ESL [illegible] ESL

[illegible]

[illegible]

[illegible]

M/s [illegible]
S.O. [illegible], Seemain [illegible],
Unnao Road, Kanpur Dehat-209311
H.O. [illegible], Swaroop Nagar
Kanpur - 208002.
GSTIN/UIN: [illegible]
State Name : Uttar Pradesh, Code : 09
E-Mail: [illegible]

Consignee (Ship to)
Vantage Infraspace (India) Limited
[illegible] Kalpana [illegible] Pradesh [illegible]
[illegible] Kanpur-[illegible]
GSTIN/UIN : [illegible]
State Name : Uttar Pradesh, Code : 09

Buyer (Bill to)
Vantage Infraspace (India) Limited
[illegible], SECTOR-3, NEAR MYLAPUR COURT, [illegible] SECTOR 16
METRO STATION, NOIDA, GAUTAM BUDH NAGAR-201301
GSTIN/UIN : [illegible]
State Name : Uttar Pradesh, Code : 09

[illegible]	Dated 25-[illegible]-24
[illegible]	Mode/Terms of Payment
[illegible]	Other References
[illegible]	Dated
[illegible]	Delivery Note Date
[illegible]	Destination KANPUR
[illegible]	Motor Vehicle No. UP78ET3786
Delivery	

Description of Goods and Services	HSN/SAC	Quantity	Rate	per	Amount
[illegible] BAGS (51 kg) (M)	72141	3,200.000 MT	52,500.00	MT	1,60,348.00
[illegible] BAGS (51 kg)	72147	6,710.000 MT	51,200.00	MT	4,45,952.00
					₹ 28,200.00
Convey Freight (Road-RFD-GST)	[illegible]				3,630.00
OUTWARD FREIGHT@[illegible]					
OUTPUT CGST@9%			9 %		55,654.02
OUTPUT SGST@9%			9 %		55,654.02
Total		12,160.000 MT			₹ 7,43,318.00

Total Quantity (in words) : [illegible]
Amount Chargeable (in words) : INR Seven Lakh Forty Three Thousand Three Hundred Eighteen Only

HSN/SAC	Taxable Value	Rate	CGST Amount	Rate	SGST/UTGST Amount	Total Tax Amount
[illegible]	6,22,900.00	9%	56,097.00	9%	56,097.00	1,12,194.00
	3,420.00	9%	308.70	9%	308.70	617.40
Total	6,26,320.00		56,405.70		56,405.70	1,12,811.40

Tax Amount (in words) : INR One Lakh Twelve Thousand Three Hundred Eighty Eight Only

Company's PAN : [illegible]

Declaration
Goods once sold will not be taken back or exchanged.
Our responsibility ceases after delivery.
Interest charge : NIL

Customer's Seal and Signature

Manu

JSW Industries Pvt. Ltd.

Head Office: 119, Park Street, Allen House, 3rd Floor, Kolkata - 700016, India
Unit I: IBAR, VILL- Argora, P.O: Andal-Mouda, Burdwan - West Bengal - 713369

LTD

477	Delivery Creation Date	[illegible]	TEST CERTIFICATE TO
2071	Despatch Date	[illegible]	Customer Code : 165366
0505	Order Date	[illegible]	Customer Address : C/O DISTRIBUTORS CPAK 1989,VILLAGE UMRAN,BRWAIN MARG
1000(T)	Supplying Plant	[illegible]	RANIA,KANPUR DEHAT,
			RANIA 209304

Materials described below conform to IS: 1786 (Composition and other properties of the product as tested in accordance with scheme of testing and inspection ticked against each section, order etc. (Please refer to IS: 1786 for details of specification requirements). THE BARS HAVE ROLLED-IN MARKING (S)

R53

Grade: IS: 1786 (Fe500D)

Batch No.	Cast No	Testing Date	Nos.	Wt.	Len.	C %	S %	P %	N PPM	SUP %	CE %						YS MPa	UTS/YS	UTS MPa	El %
				Spec	Min.															
					Max.	0.250	0.040	0.040	120	0.025	0.61						550.0	1.12	600.0	14.
M59489W/74	M59489	19-07-2024	20	8.500		0.220	0.017	0.022	52	0.020	0.40						592.0	1.16	686.0	20.
M59588W/74	M59588	20-07-2024	7	2.000		0.217	0.018	0.023	51	0.041	0.40						593.0	1.16	689.0	20.
M59688W/74	M59688	20-07-2024	1	4.000		0.217	0.018	0.024	51	0.041	0.40						593.0	1.16	689.0	20.
TOTAL			10	14.5																

Other Pr

To The HERITAGE INDUSTRIES (P) LTD
Vide Bill No. 1160
Quantity 8.115 Dated 25/09/24
For HERITAGE INDUSTRIES

details please visit www.jsw.in

terial supplied conforms to the standard specified and meets relevant requirements
f Bundles/Coils/Pieces

Absent
Absent

Authorised Signatory

Recommended by JSW INDUSTRIES LIMITED
Deputy Manager
Date: 2024
Location: Howrah

ROUTE: RE-ROLLED (C-MAE INTL)

PMTW is the Marketing Selling Agency of
EMTA STEEL GROUP

024 at 12:29:37

THE INDIAN STEEL AND WIRE PRODUCTS LIMITED

(A Subsidiary Of TATA STEEL)

Regd. Office : Flat 7D & E, 7th Floor, Fairlie House, 46 C Chowringhee Road, Kolkata 700 071

Works: Post Office: Indranagar, Jamshedpur, Jharkhand (India) - 831 009

90030838	Delivery Creation Date	15-JUL-2024	TEST CERTIFICATE TO
2499937332	Dispatch Date	16-JUL-2024	Customer Code 165366
9512945533	Order Date	16-JUL-2024	Consignee Address : KPJ DISTRIBUTORS CHAK 1989,VILL AT+ UMRAN,BIWAIN MARG
0978170113	Supplying Plant	2112/1116	RAMA KANPUR DEHAT
			RANIA 209304

The materials described below conform to IS: 1786 Composition and other properties of the product as issued in accordance with scheme of testing and inspection of the materials described below conform to IS: 1786 Composition and other properties of the product as issued in accordance with scheme of testing and inspection against each section, order etc. (Please refer to IS: 1786 for detailed specification requirements). THE ISI MARK(S) OF

Grade : IS: 1786 - FE550D

	Size	Batch No	Test No	Testing Date (Nos.)	Qty	Leg.	C %	S %	P %	N ppm	Si %	CE %							Mass	Elongation	Yield
							Chemical Properties														
					Base	Min													550.0	1.12	650.0
						Max	0.250	0.040	0.040	120	0.065	0.61									
1	8	3415978164	301/791	30-JUN-2024	22.710		0.221	0.016	0.019	55	0.035	0.54							600.0	1.14	681.0
	TOTAL				8	22.71															

To The HERITAGE Infrastructure India LTD
Vide Bill No. 116
Quantity 3.39 Dated 25/7/24
For KPJ DISTRIBUTORS

Authorised Signatory

Certification details please visit www.tisaj.in

We hereby certify that the material has been manufactured, tested and found to conform to the standard rolling and mass information
Bundles No. of Bundles/Coils/Pieces
Heat No. Above
Bundles Above

CITI BANK, ROUTE, DF-BOD-1.2F-C-BAU MDL

SAVI LAMINATES PVT. LTD. is the exclusive Rolling Agency of TATA STEEL LIMITED

WEIGHMENT SLIP

GROSS

VEHICLE NO : LP7[illegible]
MATERIAL :

[illegible] kg Date:28/07/2024 Time:16:24
[illegible] kg Date:25/07/2024 Time:14:40
[illegible] kg EIGHTY SEVEN ONE ZERO kg

ATOR'S SIGNATURE:

[illegible] SHIPMENT SLIP

REF NO	: [illegible]	VEHICLE NO	: [illegible]
PARTY	:	MATERIAL	:

GROSS Wt:	[illegible] kg	Date:25/07/2024 Time:19:19
TARE Wt:	[illegible] kg	Date:25/07/2024 Time:16:34
NET Wt:	[illegible] kg	THREE THREE NINE ZERO kg

OPERATOR'S SIGNATURE:

IRN : [illegible]

Ack No. : [illegible]

Ack Date : 20-Jul-23

[illegible]

Invoice No. PAN/45	Dated 23-Jul-23
Delivery Note	Mode/Terms of Payment
Reference No. & Date	Other References
Buyer's Order No.	Dated
Dispatch Doc No.	Delivery Note Date
Dispatched through BY ROAD	Destination KANPUR
Bill of Lading/LR-RR No.	Motor Vehicle No. UP78BT7507
Terms of Delivery	

[illegible]

Consignee (Ship to)
[illegible] Limited
[illegible] Pesume Wa grandeur [illegible] Kanpur-[illegible]
[illegible]
GSTIN/UIN : 09AACCH8400R1ZR
PAN/IT No : AACCH8400R
State Name : Uttar Pradesh, Code : 09

Buyer (Bill to)
[illegible] Limited
[illegible] SECTOR 18
[illegible] NOIDA, GAUTAM BUDH NAGAR-201301
METRO STATION, NOIDA
GSTIN/UIN : 09AACCH6809R1ZR
PAN/IT No : AACCH6809R
State Name : Uttar Pradesh, Code : 09

Sl No.	Description of Goods/Services	HSN/SAC	Quantity	Rate	per	Amount
1	TISCON-TMT BARS [illegible] (R)	721420	5,150 MT	62,200.00	MT	3,72,410.00
2	TISCON-TMT BARS [illegible] (R)	721420	20,320 MT	61,200.00	MT	12,42,560.00
3	TISCON-TMT BARS [illegible] (R)	721420	7,360 MT	51,700.00	MT	3,75,332.00
						20,87,802.00
	Outward Freight (Rate-[illegible])	996799				42,869.90
	OUTWARD FREIGHT@300/MT			9 %		1,87,185.00
	OUTPUT CGST@9%			9 %		1,87,185.00
	OUTPUT SGST@9%					
	Round Off					0.74
	Total					24,41,000

Amount Chargeable (in words)
INR Twenty Four Lakh Forty One Only

HSN/SAC	Taxable Value	CGST Rate	CGST Amount	SGST Rate	SGST Amount	Total Tax Amount
721420	20,87,802.00	9%	1,87,902.18	9%	1,87,902.18	3,75,804.36
996799	42,869.90	9%	3,858.29	9%	3,858.29	7,716.58
Total	20,87,802.00		1,87,902.18		1,87,902.18	3,75,804.36

Tax Amount (in words) : INR Three Lakh Seventy Five Thousand Eight Hundred Four Only

Company's PAN : [illegible]

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Company's Bank Details
Bank Name : State Bank of India

TATA STEEL

TATA STEEL LIMITED

Regd. Office: Bombay House, 24 Homi Modi Street, Mumbai-400 001, Work Add:Jamshedpur,East Singhbhum Jharkhand ,831 001

Corporate Identity Number: L27100MH1907PLC000260 Website www.tatasteel.com

TEST CERTIFICATE

490	Delivery Creation Date	23-JUL-2024	TEST CERTIFICATE TO	
1669	Despatch Date	23-JUL-2024	Customer Code	: 165366
4221	Order Date	23-JUL-2024	Customer Address	: KIV DISTRIBUTORS (HAR 1989 VILLAGE HIRA
7407271	Despatching Plant	2116027		RANIA,KANFUR DEHAT
				RANIA 209304

Materials/Goods described below conform to IS: 1786 : Composition and other properties of the product as tested in accordance with scheme of testing and inspection related against contract, order etc. (Please refer to IS: 1786 for details of specification requirement). THE BARS HAVE BEEN IDENTIFIED BY MARKING OF

LTR43 Grade : IS:1786 - FE500D

Batch No	Heat No	Testing Date	Nos.*	Qty	Lot	Chemical Properties											Other		
						C %	S %	P %	N PPM	S+P %	CE %						YS MPa	UTS/YS	UTS MPa
				Spec	Min												556.6	1.12	600.0
					MAX	0.250	0.040	0.040	120	0.075	0.61								
6257722705	61[illegible]	10-JUL-2024		8820		0.216	0.016	0.040	47	0.056	0.39						569.0	1.18	693.0
6258002300	61[illegible]	11-JUL-2024		11254		0.210	0.021	0.017	45	0.038	0.40						566.0	1.17	687.0
6259692700	61[illegible]	11-JUL-2024		11907		0.214	0.023	0.017	55	0.040	0.41						569.0	1.15	691.0
TOTAL			0	35.02															

To The HERITAGE INFRAPROJECT INDIA LT
Vehicle No 4445
Challan No 23.8.24 Dated 23/07/24
KIV DISTRIBUTORS

For details please visit www.bis.org.in

Material supplied conforms to the specified rolling and shape tolerances of Annexure/Clause

Absent
Absent

Certificate generated through SAP Quality Management
Digitally signed by [illegible] KUMAR SINGH
Date: 2024.07.[illegible] 07:05 IST
Location: Jamshedpur

Sr.Manager,Scientific services.
TATA STEEL LIMITED

NC: ROUTE: [illegible]

TATA STEEL

TATA STEEL LIMITED

Registered Office : 4 Bombay Dock, 4th Floor, Bank Street, Mumbai - 400 001, Work: Adityapur, Jamshedpur, East Singhbhum, Jharkhand, 831001

Corporate Identity Number: L27100MH1907PLC000260 Website: www.tatasteel.com

TEST CERTIFICATE

80 — Invoice Creation Date: 22-JUN-2024

417 — Despatch Date: 22-JUN-2024

306 — Invoice Date: 22-JUN-2024

9 — Despatching Vehicle: 0370047

TEST CERTIFICATE TO

Customer Code: 165366

Customer Address: KPJ DISTRIBUTORS CHAX 1989,VILLAGE PIMPAN, RANIA,KANPUR DEHAT, RANIA 209304

Material specified below conform to IS: 1786. Chemical and other properties of the product as tested in accordance with scheme of testing and sampling as mutually agreed between the buyer and the seller. (Please refer to IS: 1786 for details of specification requirement). THE BARS HAVE ROLLED-IN MARKING

PRO3 — Grade : IS:1786 - Fe550D

Batch No	Cast No	Testing Date	Nos*	QO*	Lot	C %	Si %	P %	N PPM	Si %	CE %							YS MPa	UTS MPa	UTS MPa	E %
																		550.0	1.12	600.0	[illegible]
				Specs	Min	0.150	0.040	0.040	120	0.045	0.41										
M5906[illegible]700	[illegible]	22-JUN-2024	5	[illegible]		0.210	0.021	0.029	56	0.030	0.34							593.0	1.17	692.0	[illegible]
M5936[illegible]700	[illegible]	22-JUN-2024	1	[illegible]		0.212	0.008	0.014	63	0.022	0.39							603.6	1.15	703.3	[illegible]
M5906[illegible]700	[illegible]	22-JUN-2024	2	[illegible]		0.230	0.025	0.013	60	0.028	0.37							598.7	1.14	683.2	[illegible]
TOTAL			8	[illegible]																	

To The HERITAGE INFRACON PVT. LTD.
Vide Bill No. [illegible]
Quantity 3.360 Dated 22/07/24
For KPJ DISTRIBUTOR

For details please visit www.tatasteel.com

Material supplied conforms to the standard rolling and mass tolerances of Bundles/Coils/Pieces

Weld Test: Absent

Bend Test: Absent

Certification signature by [illegible]
Digitally signed by [illegible] KUMAR SINGH
Date: 2024.06.[illegible] 18:51:18 IST
Location: Jamshedpur

Sr. Manager, Scientific Services
TATA STEEL LIMITED

ट्रेडर की सही तौल का एकमात्र स्थान

शुभम विशाल इलेक्ट्रिकल्स

(A Unit of Vishal Arora HUF)

७७, फजलगंज कैम्पस, कानपुर

[illegible]

[illegible] kg 20/07/2024 [illegible]

[illegible] kg 20/07/2024 [illegible]

[illegible] kg

GROSS WT.
TARE WT.
NETT WT.

270 + [illegible] = 270/-

Signature

Thank you

ट्रेडर की सही तौल का एकमात्र स्थान

शुभम विशाल इलेक्ट्रिकल्स

(A Unit of Vishal Arora HUF)

७७, फजलगंज कैम्पस, कानपुर

[illegible]

[illegible] kg 20/07/2024 [illegible]

[illegible] kg 20/07/2024 [illegible]

[illegible] kg

GROSS WT.
TARE WT.
NETT WT.

[illegible] + 270 = 270/-

Signature

Thank

[illegible]

[illegible] NO : [illegible]
[illegible]TERIAL :

VEHICLE NO : [illegible]
PARTY NAME :

[illegible] WG : [illegible]
[illegible] WG : [illegible]
[illegible] WG : [illegible]

[illegible]

[illegible](1): Rs. 0 Charges(2): Rs. 270 Charges(total): Rs. 270

[illegible]ATOR'S SIGNAT[illegible]

Operator 5

[illegible]

M/S Polama Realty LLP kanpur

Steel Details of Haritage Infra

Joint Measurement of R/F Steel and Structural Steel Date : 24-07-24(05-LOT)

Description	Dia(MM)	Nos of pices per bundle	Nos of Bundle	Length	Unit weight	Total Weight	Re
TA TISCON TMT Bar(550 D)	8	701	1	12	0.395	3322.74	
TA TISCON TMT Bar(550 D)	10	610	2	12	0.617	9037.04	Re
TA TISCON TMT Bar(550 D)	16	179	7	12	1.580	23760.59	
TA TISCON TMT Bar(550 D)	20	248	1	12	2.469	7348.15	
						43468.52	

26/7/24

M/S Polarna Realty LLP kanpur

Steel Details of Haritage Infra

Joint Measurement of R/F Steel and Structural Steel Date : 11-07-24(04-LOT)

Description	Dia(MM)	Nos of pices per bundle	Nos of Bundle	Length	Unit weight	Total Weight	Rem
A TISCON TMT Bar(550 D)	8	426	3	12	0.395	6058.67	
A TISCON TMT Bar(550 D)	10	502	2	12	0.617	7437.04	
A TISCON TMT Bar(550 D)	16	245	3	12	1.580	13937.78	
A TISCON TMT Bar(550 D)	20	246	1	12	2.469	7288.89	
						34722.37	

Manwendra
11-07-24

11/07/24

Kanpur

8.0MM

10MM

16MM

20MM

7.520 MT

13.960 MT

7.340 MT

WELDMENT SLIP

LOT NO : LAST VEHICLE NO : UP 2[illegible]
PART : MATERIAL :

WORK ORD : [illegible] Date:10/07/2024 Time:12:45
DATE RTL : [illegible] Date:20/07/2024 Time:12:46

OPERATOR'S SIGNATURE:

Modern India
Steel Rolling Mills Pvt. Ltd.

Regd. Office: [illegible], Howrah, [illegible], Grand Trunk Road, Kolkata-[illegible]
Works: [illegible], Delhi Road, P.O. [illegible], Hooghly, West Bengal [illegible]

: 906239080	Delivery Challan Date	: 27-08-2024	TEST CERTIFICATE TO
No. : 1254024724	Dispatch Date	: 26-08-2024	Customer Code : [illegible]
No. : 9317886906	Order Date	: 26-08-2024	Customer Address : KRISHNA LAL PAWAN KUMAR JAIN CHAK 1990, VILLAGE UMRAON, B-
No. : ML01A0360[illegible]	Supplying Plant	: 1254/1254	NAWA, KANPUR DEHAT, U.P.
			209304

We hereby certify that the materials described below conform to IS: 1786 (Chemical and other properties of the product as tested in accordance with scheme of testing and inspection laid down in the standard against which it is rolled, order no. [illegible] refer to IS: 1786 for details of specification requirements. THE MAKS [illegible] 500 LOS-IN [illegible] OF

Code : RJ1027 Grade : IS:1786 Fe550D/550

| No. | Heat No. | Size | Length | Weight | Pcs | Chemical Properties | | |

TATA STEEL

TATA STEEL LIMITED

Regd. Office: Bombay House, 24, Homi Modi Street, Mumbai-400001 Works: Jamshedpur, East Singhbhum, Jharkhand-831001

Corporate Identity Number: L27100MH1919PLC000260 Website: www.tatasteel.com

TEST CERTIFICATE

Delivery Creation Date: 22-JUN-2024

Dispatch Date : 22-JUN-2024

Order Date : 22-JUN-2024

Supplying Plant : 3E7/027

TWIP CERTIFICATE

Customer Code : 800546

Customer Address : KEERAN LAL PAWAN KUMAR MAIN GTRAK 1998, VILL. RANDA, FARIDPUR DIST. ALIGARH, U.P. RANDA 202301

It described below conform to IS: 1786. Chemistry and other properties of the product are tested in accordance with scheme of testing and inspection c against customer order. (Please refer to IS: 1786 for details of specification requirement). THE TATA TRADEMARK IS USED ON MARKING OF "TATA

Grade : IS:1786 Fe550D(SD)

Cast No	Dispatch Order	Heat No	Qty	Pcs	Chemical Properties															Other Properties						
					C %	Mn %	Si %	S %	P %	Al %	Nb %	Cr %	Ni %	Cu %	P_{eq} %	Mo %	V %			% MPa	Elong %	UTS MPa	YS %	Bend Ratio Grade Face %	SRPB	SRNB
					Spec	Max														550		610	550	2.0		
						0.25	0.55			0.050	0.045	1.0	0.50				0.50									
[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	0.236	1.213	0.2263	0.014	0.015	43	0.29	0.016	0.019	0.20	0.43	0.0010	0.0053		603	[illegible]	789	23.0	10.0	OK	OK
[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	0.253	1.127	0.2445	0.018	0.023	42	0.03	0.012	0.020	0.025	0.43	0.0010	0.0050		592	[illegible]	785	26.0	10.0	OK	OK
[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	0.230	1.195	0.2196	0.01[illegible]	0.023	39	0.07	[illegible]	[illegible]	0.025	0.43	0.0010	0.0054		577	[illegible]	784	25.0	10.0	OK	OK
[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	0.220	1.190	0.2270	0.022	0.019	35	0.039	0.015	[illegible]	0.025	0.43	0.0010	0.0052		[illegible]	[illegible]	793	35.0	10.0	OK	OK

Quality [illegible]

[illegible]

Date please visit www.tatasteel.com

[illegible] specified in the standard rolling and cross deformation measurement/Piece

Digitally signed by [illegible]

[illegible]

TATA STEEL

TATA STEEL LIMITED

Regd. Office: Bombay House, 24 Homi Mody Street, Mumbai-400 001, Work Address: Jamshedpur, East Singhbhum, Jharkhand 831001

Corporate Identity Number: L27100MH1907PLC000260 Website: www.tatasteel.com

TEST CERTIFICATE

Delivery Creation Date: 25-JUN-2024

Despatch Date: 25-JUN-2024

Order Date: 25-JUN-2024

(1) Supplying Plant: 2116,127

(ESS) CERTIFICATE TO

Customer Code: [illegible]

Customer Address: [illegible] LAL PAWAN KUMAR JAIN CHAK 1990, VILL. RAJDA, KANPUR DEHAT U.P. RANIA 209304

(1) [illegible] (Please refer to IS: 1786 for details of specification requirement). THE BARS HAVE BEEN RULLED-IN MARKING OF TA against each section, under [illegible]

2 Grade : IS:1786 Fe500D SD

[illegible]	Chemical Properties															Other Properties						
	C %	Mn %	Si %	S %	P %	N PPM	S+P %	Cr %	Ni %	Cu %	CEq %	Mo %	V %		YS MPa	[illegible]	UTS MPa	El %	Total Elong %	BEND	REBEND
	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
	[illegible]										0.61				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	OK	OK
8	[illegible]	[illegible]	[illegible]	0.020	0.204	0.100	0.022	0.037	[illegible]	[illegible]	[illegible]	0.009	0.10	0.002	0.00 [illegible]	587	[illegible]	663	21.7	16.0	OK	OK
9	[illegible]	[illegible]	[illegible]	0.245	1.200	0.0190	0.030	0.022	29	0.002	[illegible]	0.001	0.020	0.16	0.003	0.0319	588	[illegible]	704	21.5	16.0	OK	OK
10	[illegible]	[illegible]	[illegible]	0.220	1.202	0.0190	0.071	0.025	15	0.346	[illegible]	[illegible]	0.007	[illegible]	0.00	0.0001	588	[illegible]	704	21.5	16.0	OK	OK
11			0	1.252																		

[illegible]

Order: [illegible]

Date: [illegible]

[illegible] please visit www.tisi.org.in

[illegible] supplied conform to the standard rolling and [illegible] requirements

[illegible]

[illegible]

[illegible] BAR MILL

Digitally signed by [illegible] KUMAR

[illegible]

[illegible]

[illegible]

TATA STEEL LIMITED

TATASTEEL

TATA STEEL LIMITED

[illegible] Bombay House, 24 Homi Mody Street, Mumbai - 400 001, Work Address: Jamshedpur (East Singhbhum) Jharkhand 831001

Corporate Identity Number: L27100MH1907PLC000260 Website: www.tatasteel.com

TEST CERTIFICATE

[illegible]	Delivery Creation Date	03-JUN-2024	ESSENTIAL CERTIFICATE TO	
20	Dispatch Date	[illegible]-JUN-2024	Customer Code	800366
19	Order Date	23-JUN-2024	Customer Address	KALYANI ALPAWAN KUMAR JAIN (HAB 1990, [illegible]
39(W)	Supplying Plant	[illegible]		RANIA, KANPUR DEHAT, U.P.
				[illegible]

[illegible] details described below conform to IS: 1786 (Chemical and other properties of the product as tested in accordance with various methods specified against each section, order etc. (Please refer to IS: 1786 for details of specification requirement). THE BARS HAVE ROLLED IN MARKING OF [illegible]

237 | Grade : IS:1786 Fe550D(S1P)

No	Customer	Heat No/Lot No	Pcs	Qty	Lot No	Chemical Properties C %	Mn %	Si %	S %	P %	N PPM	Mo %	Cr %	Ni %	Cu %	CEQ %	Mo %	V %			Other Properties YP N/mm²	UTS	TUS N/mm²	EL %	Tot. El at Max Force %	Bend	Rebend
				Specified Max																	>50		>[illegible]	>[illegible]	>[illegible]		
				Typical	0.232				0.040	0.049	140	[illegible]				0.51											
3708	845271	20-01-2024	7	11.380	1.11	0.250	1.066	0.2700	0.017	0.016	61	0.121	0.07	0.110	0.058	0.42	0.0010	0.0506			605	1.15	709	21.0	9.0	OK	OK
3705	845271	21-01-2024	4	11.51	1.30	0.250	1.060	0.2550	0.024	0.023	56	[illegible]	[illegible]	[illegible]	0.057	0.41	0.0010	0.0549			596	1.17	[illegible]	[illegible]	[illegible]	OK	OK
3706	845271	21-01-2024	1	11.391	1.27	0.224	1.031	0.2510	0.012	0.020	57	0.119	0.029	1.070	0.057	0.40	0.0010	0.0545			595	1.19	701	20	9.0	OK	OK
[illegible]			1	11.755																							

[illegible]

[illegible] details please visit www.tatasteel.com

[illegible] supplied conform to the standard rolling and mill tolerances

[illegible] Officer

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

(A Unit of Vishal Agro Hub)

[illegible] 9107 [illegible], [illegible], कानपुर

UP73BT3779

[illegible]

[illegible] kg	11/07/2024	[illegible]
[illegible] kg	11/07/2024	[illegible]
[illegible] kg		
	[illegible]	

GROSS WT.
TARE WT.
NETT WT.

[illegible]

Ack No. : [illegible]
Ack Date : 5-Jul-2024

SRK ISPAT
[illegible]
KANPUR
GODOWN AREA, BLOCK-T
FACTORY AREA, FAZALGANJ
KANPUR-208012
GSTIN/UIN: 09AANHS7814R1Z0
State Name : Uttar Pradesh, Code : 09
E-Mail : [illegible]

Invoice No. 2756	e-Way Bill No. 491457452083	Dated 5-Jul-2024
Delivery Note		Mode/Terms of Payment
Reference No. & Date.		Other References
Buyer's Order No.		Dated
Dispatch Doc No.		Delivery Note Date
Dispatched through		Destination CIVIL LINES
Bill of Lading/LR-RR No.		Motor Vehicle No. UP78 BT 4905
Terms of Delivery		

Consignee (Ship to)
HERITAGE INFRASPACE(INDIA) PVT LTD U.P.
COMPANY BAGH CHAURAHA, CIVIL LINES KANPUR
GSTIN/UIN : 09AACCH6390R1ZR
State Name : Uttar Pradesh, Code : 09

Buyer (Bill to)
HERITAGE INFRASPACE(INDIA) PVT LTD U.P.
[illegible]A SECTOR 3 NEAR BY LABOUR COURT
[illegible]D SECTOR 16, NOIDA
GSTIN/UIN : 09AACCH6390R1ZR
State Name : Uttar Pradesh, Code : 09

Sl No.	Description of Goods and Services	HSN/SAC	Quantity	Rate (Incl. of Tax)	Rate	per	Amount
1	M.S Pipe	730890	1.892 M.T	70,110.00	64,600.00	M.T	1,22,234.39
	FREIGHT (STATE)	9965					2,400.00
	CGST				9 %		11,199.06
	SGST				9 %		11,199.06
	Less : Round Off						(-)0.12
	Total		1.892 M.T				₹ 1,46,832.00

Amount Chargeable (in words) E. & O.E
INR One Lakh Forty Six Thousand Eight Hundred Thirty Two Only

HSN/SAC	Taxable Value	CGST Rate	CGST Amount	SGST/UTGST Rate	SGST/UTGST Amount	Total Tax Amount
730890	1,22,034.00	9%	10,983.06	9%	10,983.06	21,966.12
9965	2,400.00	9%	216.00	9%	216.00	432.00
Total	1,24,434.00		11,199.06		11,199.06	22,398.12

Tax Amount (in words) : **INR Twenty Two Thousand Three Hundred Ninety Eight and Twelve paise Only**

Company's Bank Details

Ack No. : 142413195036006
Ack Date : 4-Jul-2024

SRK ISPAT
REGD.OFFICE & GODOWN
85/71 AFIM KOTHI
KANPUR
GODOWN-76B/4, BLOCK-F
FACTORY AREA, PASALGANJ
KANPUR-208012
GSTIN/UIN: 09AANHS7514R1Z0
State Name : Uttar Pradesh, Code : 09
E-Mail : srkispat@gmail.com

Invoice No. 2745	e-Way Bill No. 491457359013	Dated 4-Jul-2024
Delivery Note		Mode/Terms of Payment
Reference No. & Date.		Other References
Buyer's Order No.		Dated
Dispatch Doc No		Delivery Note Date
Dispatched through		Destination Civil Lines
Bill of Lading/LR-RR No.		Motor Vehicle No. UP78HT4305
Terms of Delivery		

Consignee (Ship to)
HERITAGE INFRASPACE(INDIA) PVT LTD U.P.
NEAR COMPANY BAGH CHAURAHA, CIVIL LINES KANPUR
GSTIN/UIN : 09AACCH6390R1ZR
State Name : Uttar Pradesh, Code : 09

Buyer (Bill to)
HERITAGE INFRASPACE(INDIA) PVT LTD U.P.
G-29 SECTOR 3 NEAR BY LABOUR COURT AND SECTOR 15, NOIDA
GSTIN/UIN : 09AACCH6390R1ZR
State Name : Uttar Pradesh, Code : 09

Sl No.	Description of Goods and Services	HSN/SAC	Quantity	Rate (Incl. of Tax)	Rate	per	Amount
1	H.R Sheet / H.R Plate / M.S Sheet	720838	3.971 M.T	67,450.00	57,600.00	M.T	2,28,332.50
	FREIGHT (STATE)	0005			%		4,000.00
	CGST				9 %		20,549.93
	SGST				9 %		20,549.93
	Less : *Round Off*						(-)0.36
	Total		3.971 M.T				₹ 2,74,152.00

Amount Chargeable (in words)
INR Two Lakh Seventy Four Thousand One Hundred Fifty Two Only

E. & O.E

HSN/SAC	Taxable Value	CGST Rate	CGST Amount	SGST/UTGST Rate	SGST/UTGST Amount	Total Tax Amount
720838	2,28,332.50	9%	20,549.93	9%	20,549.93	41,099.86
9965	4,000.00	9%	360.00	9%	360.00	720.00
Total	2,32,332.50		20,909.93		20,909.93	41,819.86

Tax Amount (in words) : **INR Forty One Thousand Eight Hundred Nineteen and Eighty Six paise Only**

Ack Date : 6-Jul-2024

SRK ISPAT
REGD.OFFICE & GODOWN
55/71 AHIMI KOTHI
KANPUR
GODOWN-7/60/4, BLOCK-T
FACTORY AREA, FATAKGANJ
KANPUR-208012
GST N/UIN: 09AANHS7814R1Z0
State Name : Uttar Pradesh, Code : 09
E-Mail : srkispat@gmail.com

Invoice No.	e-Way Bill No.	Dated
2840	461452201990	8-Jul-2024
Delivery Note		Mode/Terms of Payment
Reference No. & Date.		Other References
Buyer's Order No.		Dated
Dispatch Doc No.		Delivery Note Date
Dispatched through		Destination CIVIL LINES
Bill of Lading/LR-RR No.		Motor Vehicle No. UP78BT1155
Terms of Delivery		

Consignee (Ship to)
HERITAGE INFRASPACE(INDIA) PVT LTD U.P.
COMPANY BAGH CHALIKAHA, CIVIL LINES KANPUR
GSTIN/UIN : 09AACCH6390R1ZR
State Name : Uttar Pradesh, Code : 09

Buyer (Bill to)
HERITAGE INFRASPACE(INDIA) PVT LTD U.P.
G-28 SECTOR 3 NEAR BY LABOUR COURT
AND SECTOR 15, NOIDA
GSTIN/UIN : 09AACCH6390R1ZR
State Name : Uttar Pradesh, Code : 09

Sl No.	Description of Goods and Services	HSN/SAC	Quantity	Rate (Incl. of Tax)	Rate	per	Amount
1	H.R Sheet / H.R Plate / M.S Sheet	720838	12.050 M.T	60,670.00	60,500.00	M.T	7,26,025.00
	FREIGHT (STATE)	9965					12,050.00
	CGST				9 %		66,498.75
	SGST				9 %		66,498.75
	Round Off						0.50
	Total		12.050 M.T				₹ 8,71,073.00

Amount Chargeable (in words) E. & O.E
INR Eight Lakh Seventy One Thousand Eight Hundred Seventy Three Only

HSN/SAC	Taxable Value	CGST Rate	CGST Amount	SGST/UTGST Rate	SGST/UTGST Amount	Total Tax Amount
720838	7,26,025.00	9%	65,342.25	9%	65,342.25	1,30,684.50
9965	12,050.00	9%	1,156.50	9%	1,156.50	2,313.00
Total	7,38,075.00		66,498.75		66,498.75	1,32,997.50

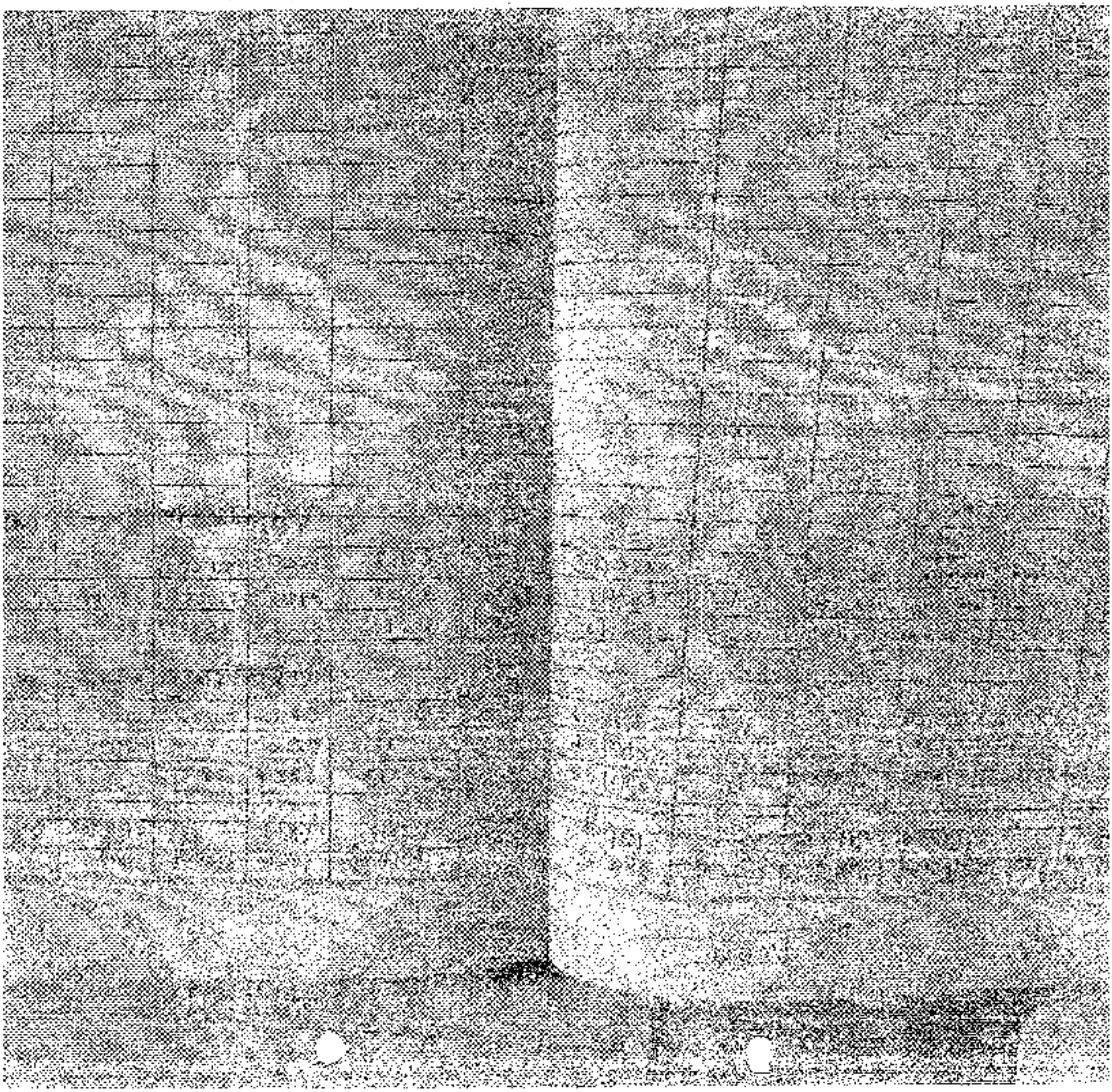
0981 VEHICLE NO PARTY NAME

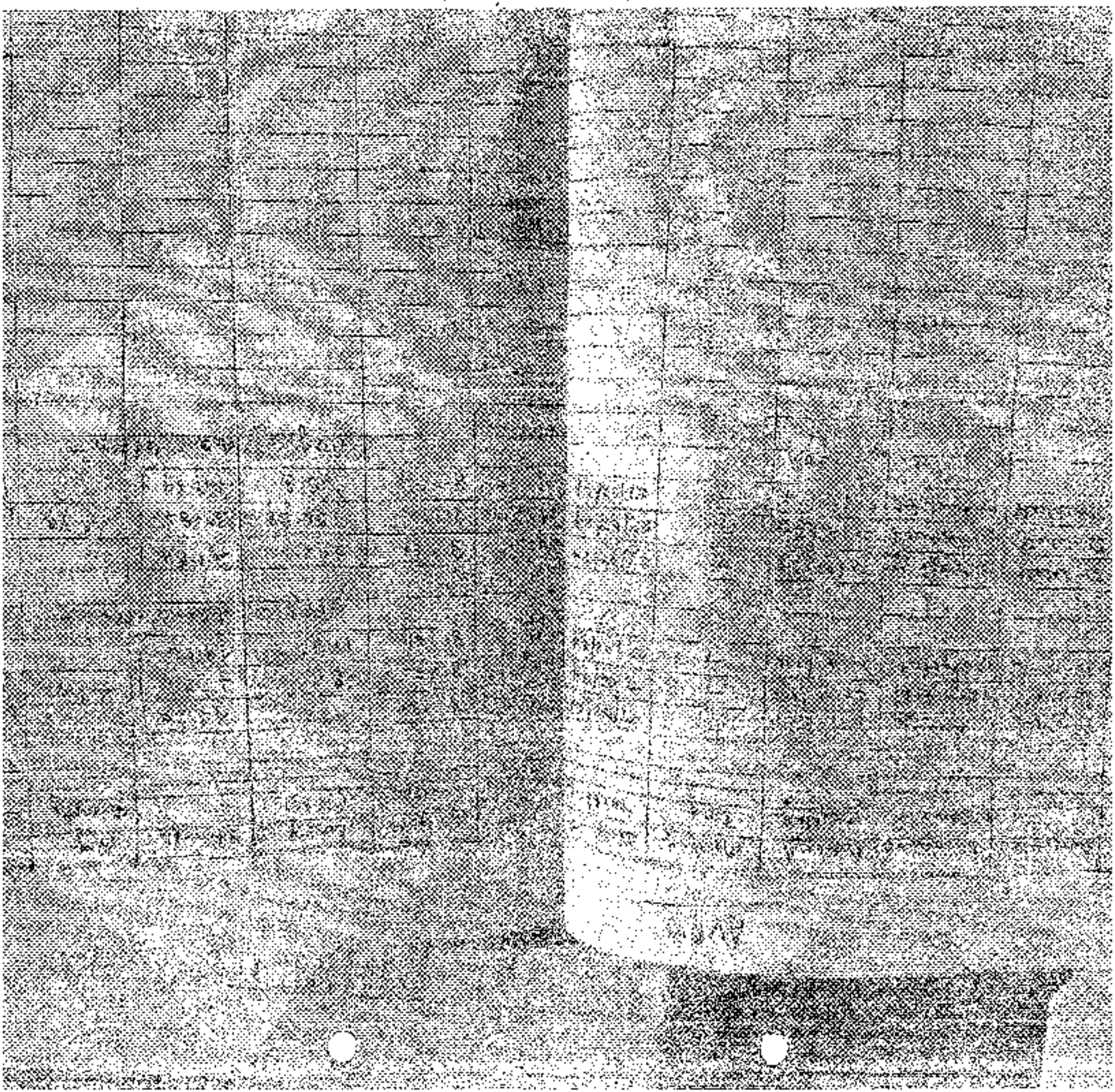
21710
8840
12850

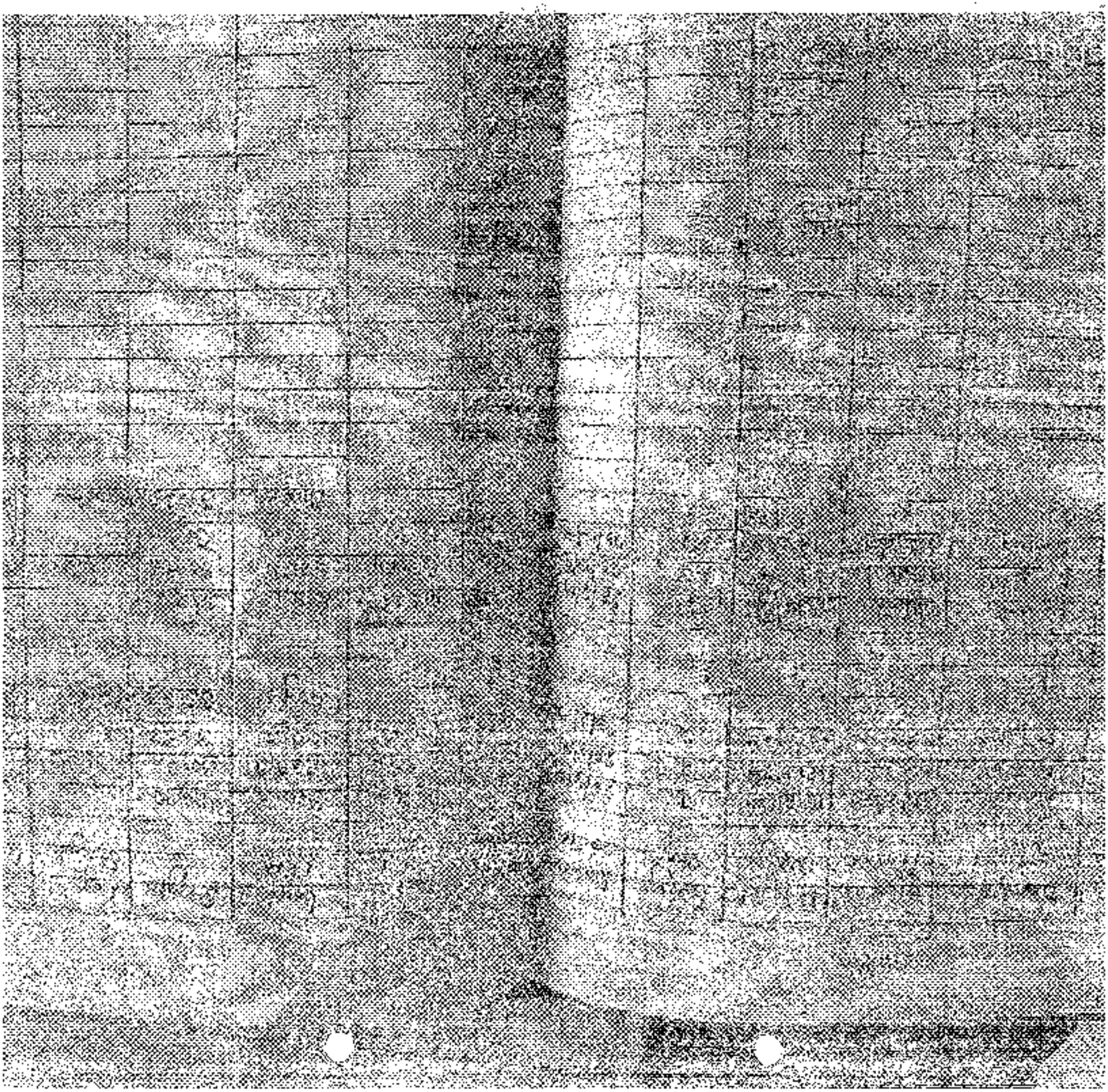
Charges(1): Rs. 6 Charges(2): Rs. 140 Charges(total): Rs. 140

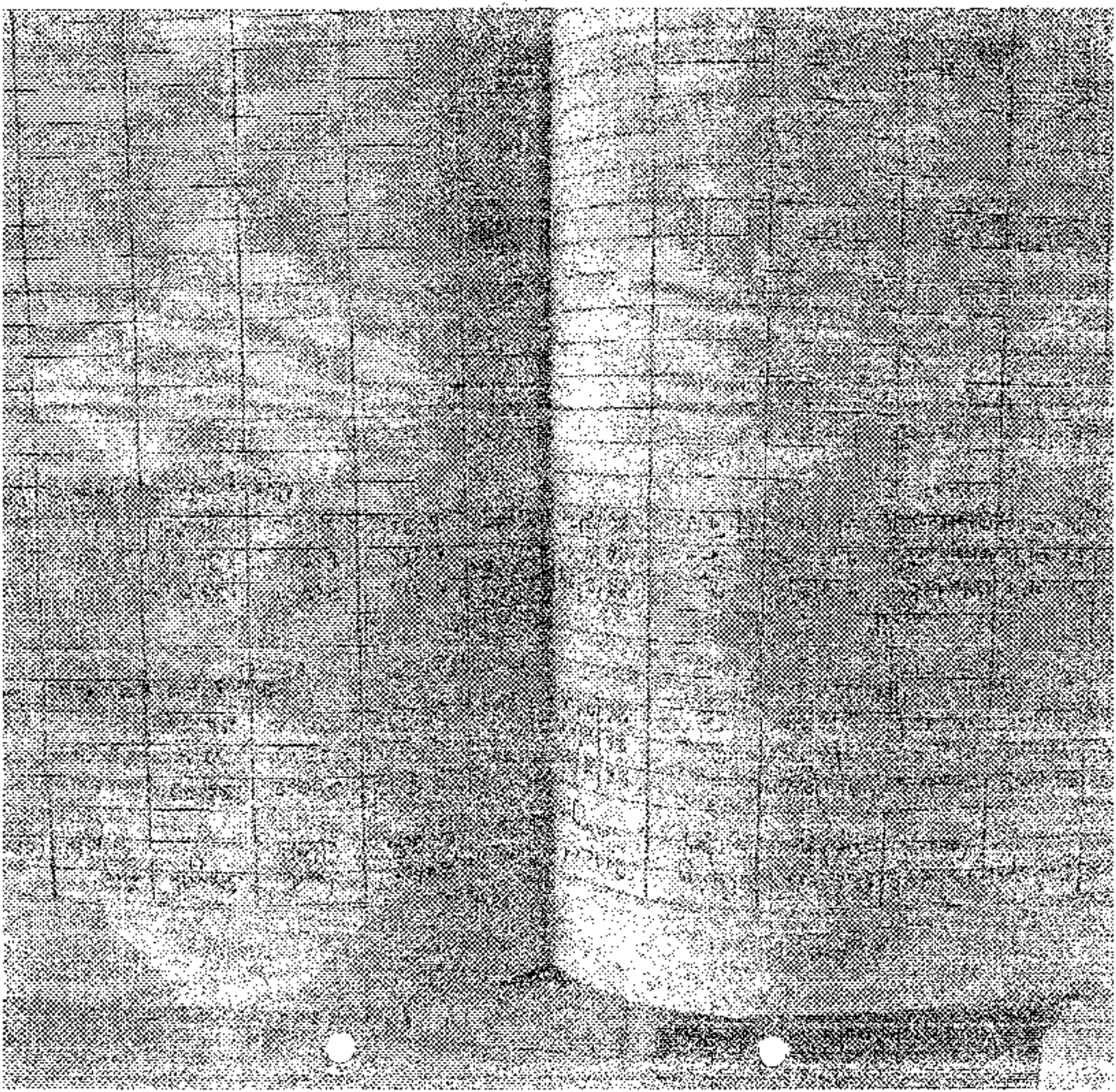
Operator Sign.

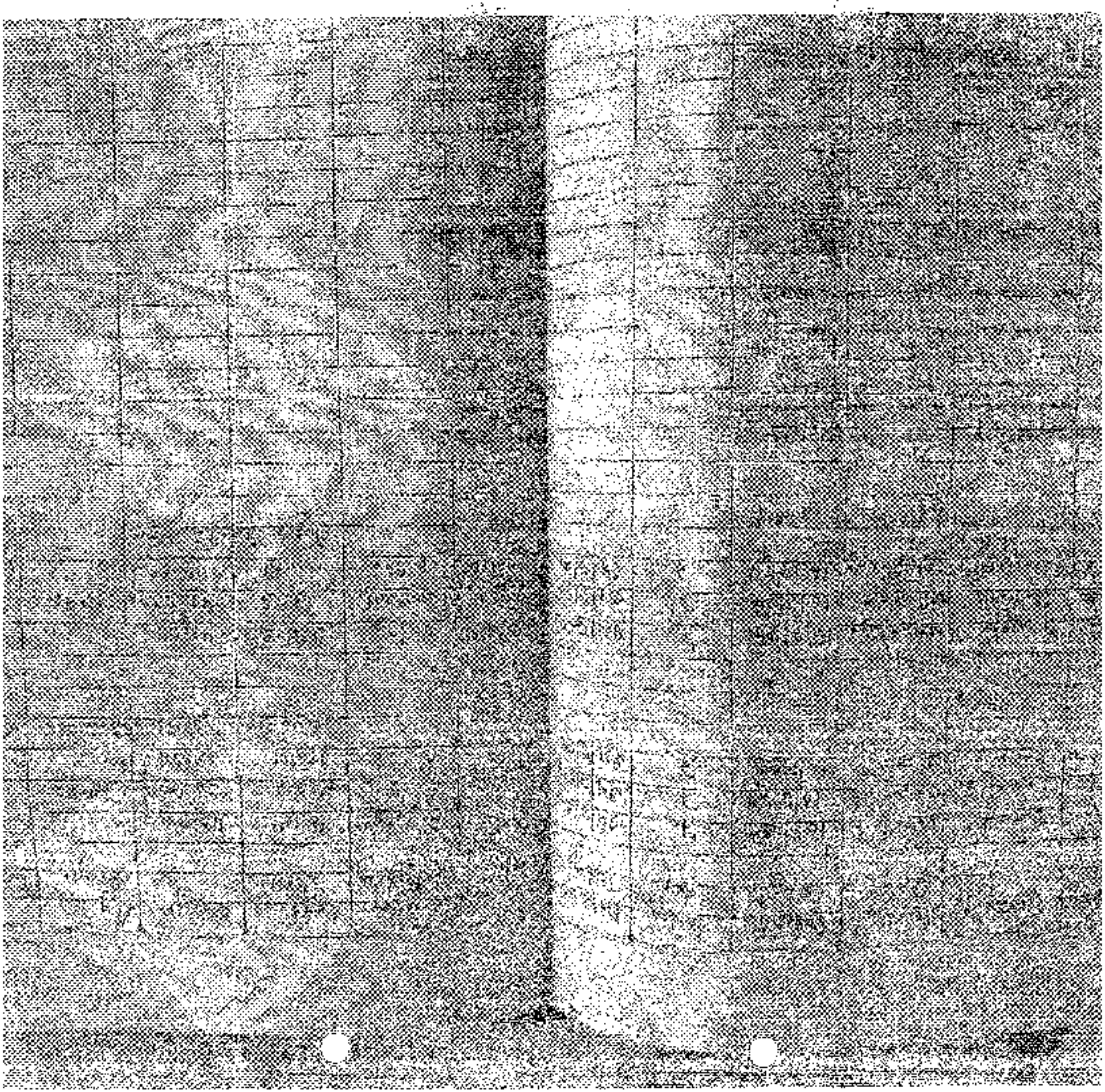
NOTE: OTHERWISE CHARGES INCL THE VEHICLE LEAVES THE PLATFORM

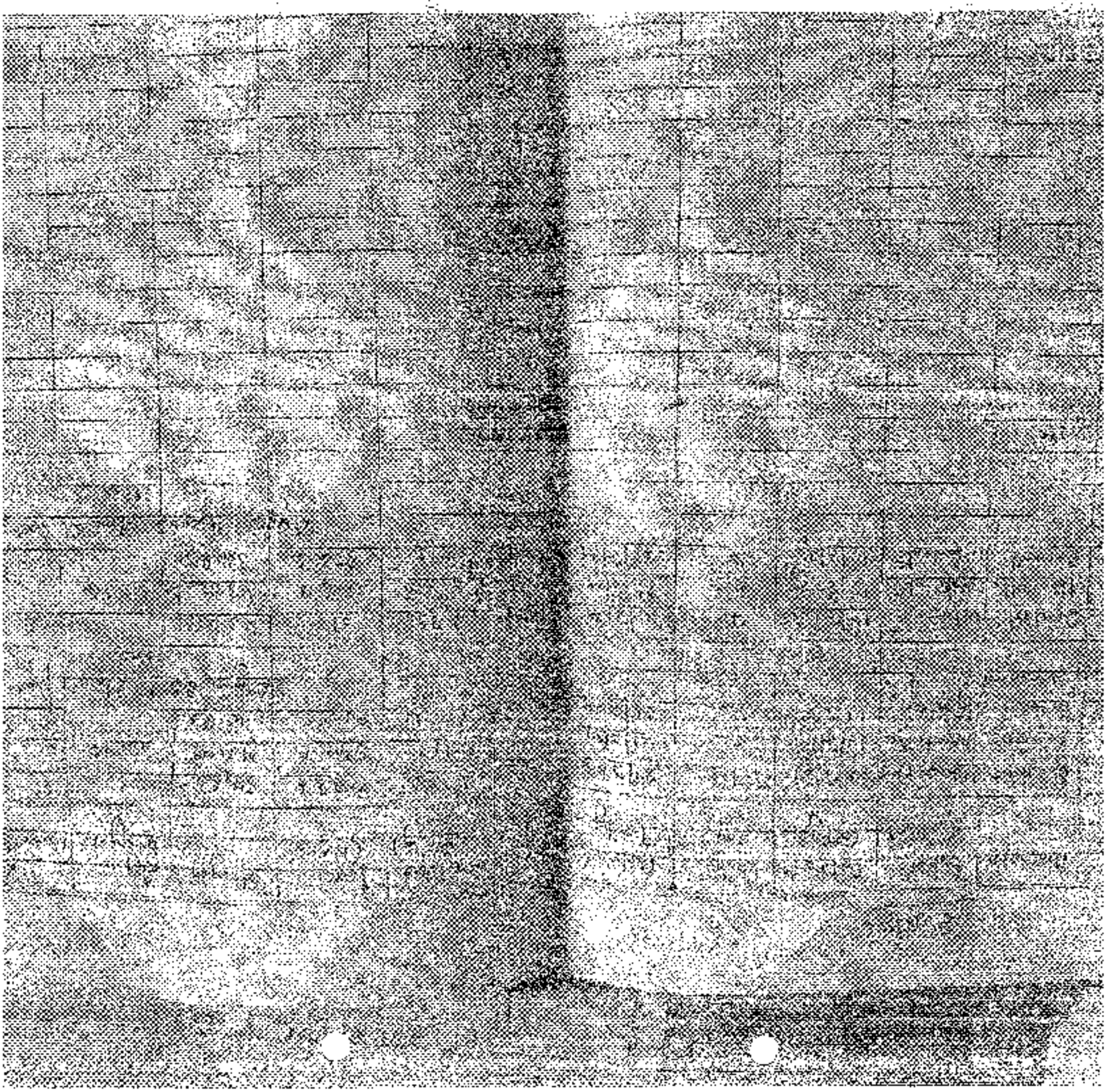


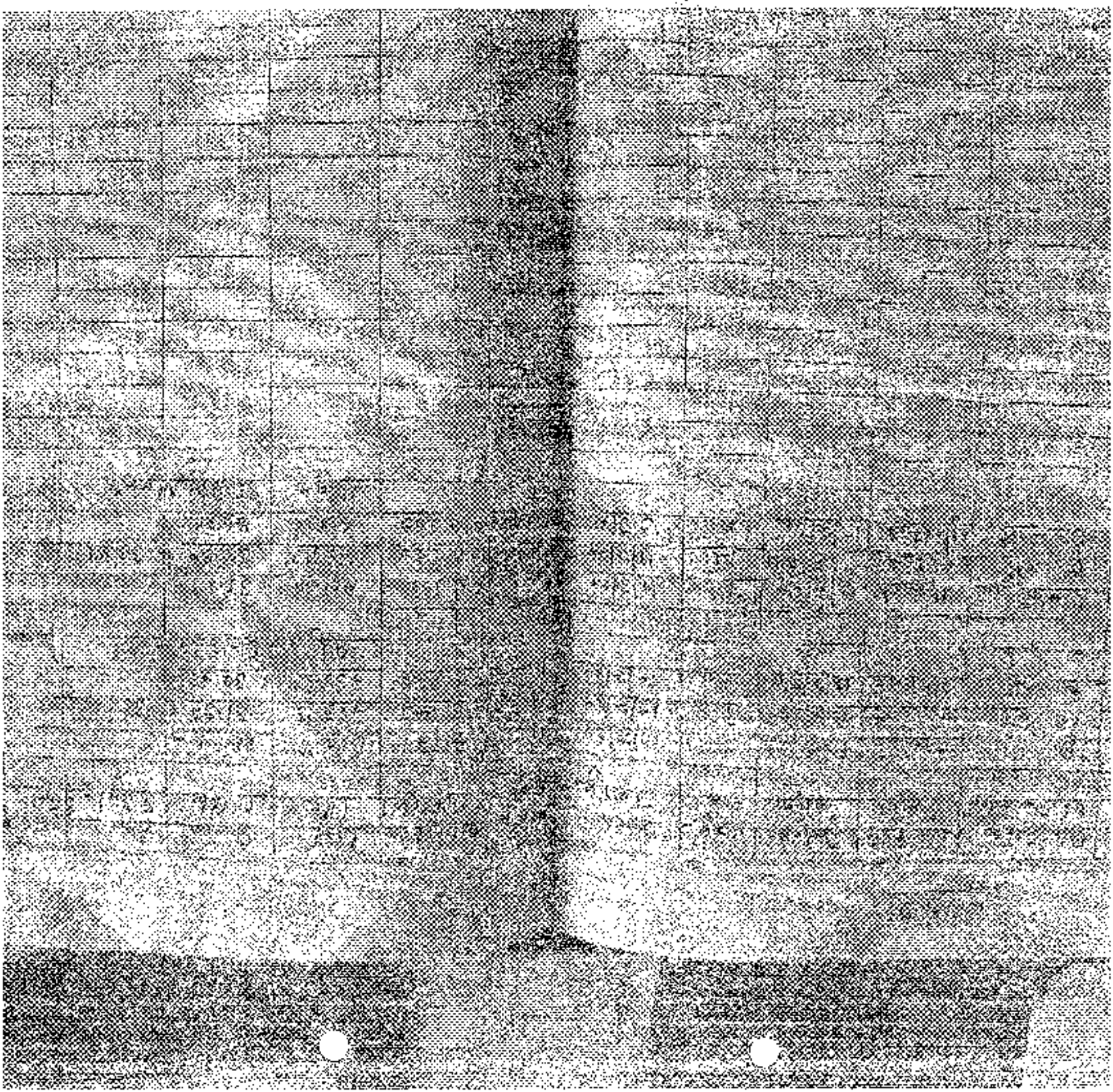


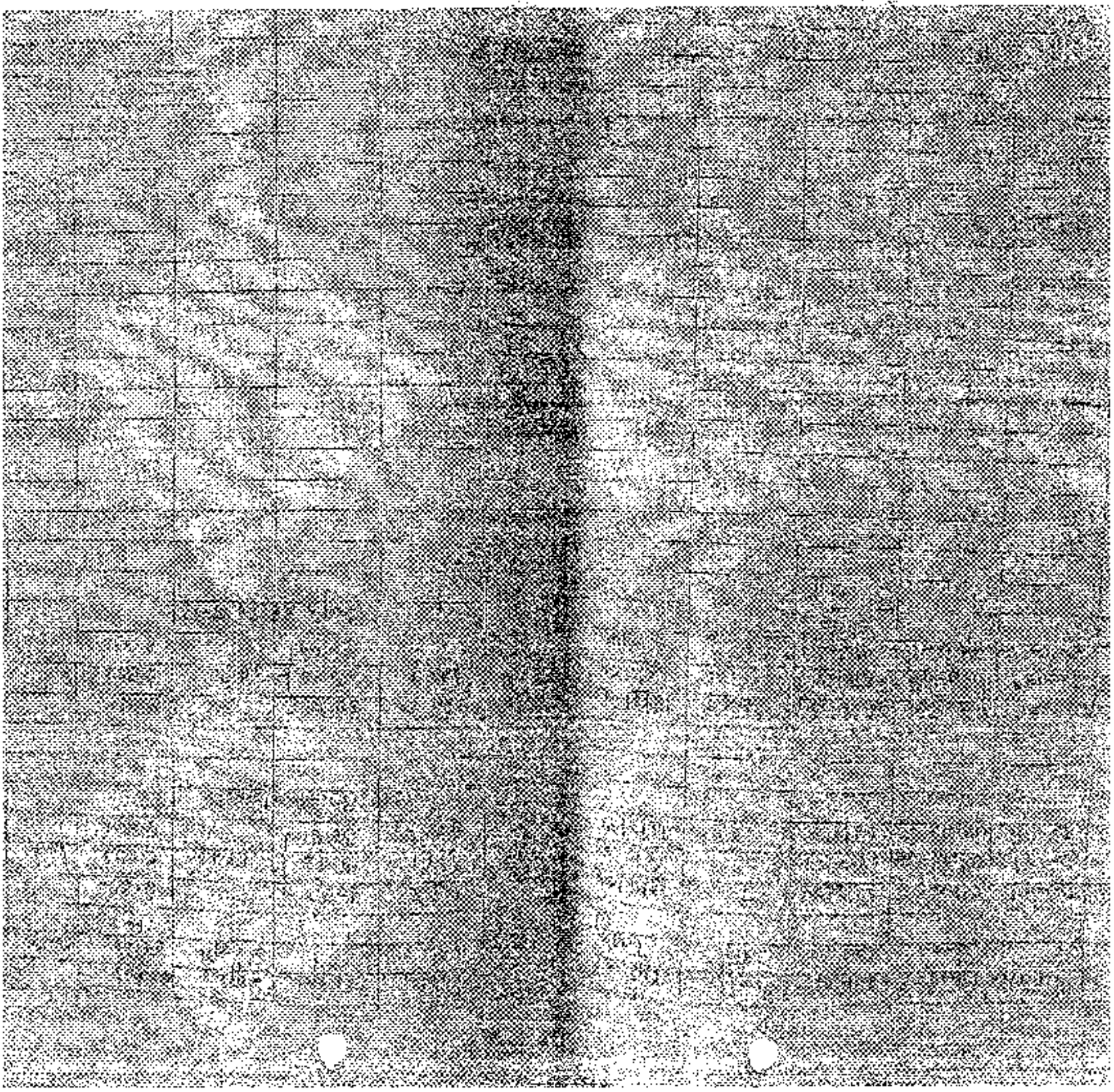












CLIENT:-

DRAWING NO.- | FILE NO- 82912 | REVISION- R5 | PANEL LENGTH- 2.5*2.0 M. R | CHAMFER DIA- 100 MM

NO	DESCRIPTION	DIA OF BAR (MM)	SPACING (MM) C/C	SHAPE	CUTTING LENGTH (MTR)	SPAN (MTS)	NOS	TOTAL LENGTH (MTR)	UNIT WEIGHT	TOTAL WEIGHT (KG)	REMARKS
1	Vertical Main Bar	16	250	400 / 10700 / 400	10.50	4.92	91	955.5	1.580	917.111	Soil Face
2	Vertical Extra Bar	16	250	5000	6.00	4.95	30	180	1.580	285.444	Soil face
3	Distribution Bar	10	200	4700	4.70	17.4	98	460.6	0.617	284.009	Soil face
4	Vertical Main Bar	16	250	400 / 10700 / 400	10.50	4.95	18	351	1.580	554.887	Excavation face
5	Vertical Extra Bar	20	250	12000	12.00	4.85	18	216	2.466	532.523	Excavation face
6	Distribution Bar	10	200	5000	5.00	17.4	68	334.4	0.617	206.420	Excavation face
7	Stirrups (500x450)	8	200		2.05	7	14	370.26	0.395	146.204	
8	Stirrups (500x450)	10	200		2.10	7	125	237.5	0.617	155.120	
9	Links on corner (570x270d)	8	300		1.50	7	99	54	0.395	21.337	
10	Links on corner (570x270d)	10	300		1.50	7	28	30.5	0.617	18.795	
11	Close Tie (250x250)	10	300		1.50		16	24.192	0.617	14.933	
12	Close Tie (500x250)	10	300		2.140		8	17.12	0.617	10.563	
13	Links on corner AT (570x270d)	8	300		1.50		8	12.72	0.617	7.850	
14	Mesh bar	5			4.00		24	96	0.395	37.920	
15	Link bar corner at mesh (400x250)	10			0.81		24	19.44	0.617	9.027	
16	Z Bar	20			1.50		25	37.5	2.466	92.475	
17	Lifting Hook	25			7.00		3	21	2.466	51.819	
18	Rebbing Hook	19			3.20		3	19.2	1.500	28.241	
19	Shear Key Bar	8	300		2.09	17.5	81	169.08	0.395	66.735	ONE SIDE
20	Shear Key Bar	6	300		1.28	17.5	81	104.203	0.222	23.129	ONE SIDE
21	Vertical bars in shear key	10		1100	12.50	-	6	75.0	0.617	46.275	
	DIA (MM)	6	8	10	12		16	20	25	32	
	DIA Wise Total Weight	291.478	[illegible]	[illegible]	-		1,616.55	[illegible]	[illegible]	-	
								Total Weight (KG)		9761.08	9.76 MT

S.NO	DESCRIPTION	DIAS (MM)	LENGTH (CM)	SHAPE	LENGTH (MTR)	TOTAL (MTR)	NOS	WEIGHT (KGS)	TOTAL WEIGHT	COST (RS)	REMARKS
1	Vertical Main Bar	25	270	300 / 16200 / 400	10.50	4.09	21	428.5	1.580	347,[illegible]	Dia Fence
2	Vertical Extra Bar	10	250	9700	9.00	4.85	20	[illegible]	[illegible]	254,[illegible]	Dia Fence
3	Dia Vertical Bar	10	200	4850	4.85	9.4	46	428.8	0.617	363,457	Dia Fence
4	Vertical Main Bar	16	225	400 / 16200 / 400	17.10	4.05	21	309.5	1.580	547,111	Extension Fence
5	Vertical Extra Bar	20	250	20100	10.64	2.05	10	250	2.472	382,286	Extension Fence
6	Distribution Bar	10	200	3250	1.65	17.4	85	128.8	0.617	752,457	Extension Fence
7	Stirrups (150x450)	8	200		0.910	7	100	343.13	0.395	138,550	
8	Stirrups (150x450)	10	200		0.364	3	70	225.5	0.617	139,135	
9	Open Hooks (8D+2*10D)	8	200		0.05	7	100	82.424	0.395	24,651	
10	Open Hooks (10D+2*10D)	10	500		0.01	1	50	43.75	0.617	27,241	
11	Cleats Ties (200x300)	10	500		1.54	4.05	24	38,790	0.617	22,900	
	Extra Bar	2			1.00		40	150	0.395	85,870	
	Link arrangement of mesh (450x2*100)	10			0.01		45	564	0.617	0,560	
12	Chair	20			1.00		21	31.5	2.472	77,778	
13	Lacing Hook	20			7.00	-	9	21	3.558	31,019	
14	Washing Plate	15			0.10	-	9	16.2	1.580	30,041	
15	Short Key Bar	8	300		3.99	17.9	61	125.52	0.395	111,198	[illegible]
16	Slider Key Bar	8	300		1.08	17.5	61	56.300	0.395	24,829	[illegible]
17	Wooden Side Shutter Ply	12		18400	18.40		5	110.4	[illegible]	21,143	
		DIA (MM)		7	10	12	16	20	25	32	
		Dia Wise Total Weight		231.35	801.600	-	[illegible]	[illegible]	91,013		
								Total Weight (KG)		1863.37	

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S.NO	DESCRIPTION	DIA OF BAR (mm)	SPACING (mm c/c)	SHAPE	CUTTING LENGTH (MTR)	NOS (NTR)	NOS	LENGTH (MTR)	UNIT WEIGHT	WEIGHT (KG)	REMARKS
1	Vertical Main Bar	16	200	1870 / 400	19.70	4.80	21	[illegible]	[illegible]	[illegible]	[illegible]
2	Vertical Extra Bar	16	200	[illegible]	[illegible]	[illegible]	20	[illegible]	[illegible]	[illegible]	[illegible]
3	Distribution Bar	10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	Vertical Main Bar	6	200	1570 / 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Construction joint
5	Vertical Extra Bar	10	200	[illegible]	[illegible]	4.85	[illegible]	210	2.466	[illegible]	Construction joint
6	Distribution Bar	10	200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Construction joint
7	Stirrups (600x450)	8	200		2.092	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
8	Stirrups (600x450)	10	200		[illegible]	5	125	[illegible]	[illegible]	[illegible]	
9	Links or cutter (270x210)	[illegible]	200		[illegible]	[illegible]	80	[illegible]	[illegible]	[illegible]	
10	Links or cutter (270x210)	10	200		[illegible]	5	25	[illegible]	[illegible]	[illegible]	
11	Corner bar	(600x450)	12	600		[illegible]		[illegible]	[illegible]	[illegible]	
12	Corner bar	(600x450)	10	600		2.140	[illegible]	[illegible]	[illegible]	[illegible]	
12	Links or cutter (270x210)	[illegible]	[illegible]		1.94		[illegible]	[illegible]	[illegible]	[illegible]	
13	Mesh bar	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
14	Lockhe corner corners (450x450)	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
15	2 Bar	20			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
16	[illegible]	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
17	Locking Bar	15			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
18	Lower Key Bar	8	200		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	Lower Key Bar	[illegible]	200		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	Vertical Lock in sheet (20)	12		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

S.NO	DISCRIPTION	DIA OF BAR (mm)	SPACING (MM C/C)	SHAPE	CUTTING LENGTH (MTR)	SPAN (MTR)	NOS	TOTAL LENGTH (MTR)	UNIT WEIGHT	TOTAL WEIGHT (KG)	REMARKS
1	Vertical Main Bar	16	200	400 / 16500	16.50	4.85	21	400.5	1.580	647.111	Soil Face
2	Vertical Extra Bar	16	250	400 / 9000	9.00	4.05	20	180	1.580	284.444	Soil face
3	Distribution Bar	8	200	4050	4.05	17.4	88	420.6	0.417	200.487	Soil face
4	Vertical Main Bar	16	150	400 / 18700	19.50	4.85	21	409.5	1.580	647.111	Excavation face
5	Vertical Extra Bar	20	150	400 / 12000	12.00	4.85	20	240	2.960	942.086	Excavation face
6	Distribution Bar	10	200	4850	4.85	1.74	88	423.9	0.617	261.457	Excavation face
7	Stirrups (150X450)	8	200		2.040	7	100	330.45	0.394	130.530	
8	Stirrups (150X600)	10	200		2.044	5	75	229.3	0.617	141.963	
9	Open Links (450+2*10d)	8	200		0.55	7	108	59.400	0.395	24.331	
10	Open Links (600+2*10d)	10	200		0.61	5	75	45.75	0.617	28.211	
11	Shear Tie (250x250)	10	300		1.01	0.425	24	30.288	0.617	22.400	
	New bar	8			0.00		40	250	0.395	98.213	
	Link bar corner (bend) (450+2*10d)	10			0.61		40	244	0.617	150.652	
12	Z Bar	20			1.50		20	31.5	2.469	77.778	
12	Lifting hook	25			7.00		3	21	3.853	81.015	
13	Dowel hook	20			0.20		6	1.2	2.000	2.534	
14	Shear key	8	200		1.60	17.0	124	88.728	0.395	35.657	24.2500
15	Vertical bars in shear key	10		18700	18.70		8	149.2	0.617	92.064	
	DIA (mm)		8	10	12	16	20	25	32		
	Diawise total Weight		585.080	924.703		2,635.03	0,0.370		81.028		
								Total Weight (KG)		8499.80	

S/No	DESCRIPTION	DIA OF BAR (MM)	SPACING (MM) C/C	SHAPE	CUTTING LENGTH (MTR)	SPAN (MTR)	NOS	TOTAL LENGTH (MTR)	UNIT WEIGHT	TOTAL WEIGHT (KG)	REMARKS
1	Vertical Main Bar	14	200	400 / 10700 / 400	12.50	4.85	14	273	1.520	421.407	Sol.Face
2	Vertical Extra Bar	10	250	400 / 9000	9.00	4.85	13	117	1.208	284.080	Sol.face
3	Distribution Bar	10	200	3600 / 400	3.79	3.7[illegible]	88	277.2	0.617	[illegible]	Sol.face
4	Vertical Main Bar	10	250	400 / 10700 / 400	10.50	4.85	14	273	1.580	421.407	Excavation face
5	Vertical Extra Bar	10	250	400 / 12000 / 400	13.00	4.05	10	158	2.480	391.184	Excavation face
6	Distribution Bar	10	200	3150	3.15	3.4	89	279.9	0.617	[illegible]	Cyclopean face
7	Stirrups (1000x450)	8	200		2.090	7	72	223.37	0.395	17.040	
8	Stirrups (1015x500)	10	200		3.174	5	50	161.2	0.617	99.451	
9	Open Links	(450x1250x100)	8	200	0.59	7	72	41.628	0.395	16.441	
10	Open Links	(450x1250x100)	10	200	0.6[illegible]	5	50	30.3	0.617	18.827	
11	Close Ties	(900x450)	10	200	1.61	4.425	6	24.192	0.617	14.932	
	Mesh		8		2.30		24	55	0.395	21.626	
	Linking corner of m 4/5 (450x1250)		10		0.65		24	14.54	0.617	9.137	
12	Lifting		20		1.50		14	21	2.469	51.802	
13	Lifting block		25		7.30		2	14	3.858	54.012	
13	Rocking block		25		5.20		4	12.9	1.580	20.382	
14	Shear Key Bar		8	200	1.31	1.19	122	160.728	0.395	60.857	UNE SIDE
15	Vertical Dowel in Shear Key		20		19400 / 20.40		7	147.2	2.417	90.974	
		DIA (MM)	8	10	12	16	20	25			
	Dia Wise Total Weight		200.864	359.955		1,057.93	850.187	62.012			
									Total Weight (KG)		2536.08

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

S.NO	DESCRIPTION	DIA OF BAR (MM)	SPACING (CM)	SHAPE	CUTTING LENGTH (FT/IN)	BARS (NOS)	NOS	TOTAL LENGTH (FT)	UNIT WEIGHT	TOTAL WEIGHT (LB)	REMARKS
1	Vertical Main Bar	16	250	400 / 10700	18.50	4.85	22	409.5	1.580	647.111	Splice
2	Vertical Extra Bar	16	250	400 / 5000	13.00	1.85	22	190	1.580	294.444	Splice
3	Distribution Bar	10	200	4850	4.85	1.4	56	423.6	0.617	261.487	Splice
4	Vertical Main Bar	16	250	400 / 16700	15.50	4.85	21	320.8	1.580	507.111	Exception loop
5	Vertical Corner Bar	20	250	400 / 13000	13.00	4.85	20	540	2.470	1333.800	Exception loop
6	Diagonal Bar	10	200	4850	4.85	12.4	88	426.8	0.617	263.487	Exception loop
7	Stirrup (300x450)	8	200		3.040	7	176	535.48	0.395	211.500	
8	Stirrup (300x450)	10	200		3.040	5	75	228.5	0.617	140.928	
9	Open Link (450x2700)	8	300		9.50	2	108	1024	0.395	404.001	
10	Open Link (450x2700)	10	300		9.50	3	72	684.0	0.617	422.212	
11	Close Tie (470x450)	10	150		1.31	4.425	24	35.088	0.617	22.400	
	Rebar	8			4.00		40	160	0.395	63.200	
	Splice bar (450x2100)	10			2.10		40	84.0	0.617	51.882	
12	Floor	12			1.80		61	110.0	2.466	271.738	
13	Lifting Hook	25			7.10		8	56	2.250	126.000	
14	Rebar for foot	16			2.10		9	18.9	1.580	29.84	
15	Green Sand Bar	8	200		2.00	17.8	192	352.76	0.395	139.251	80145.2
16	Bar, where is shear bar	6		15100	4.10		4	16.8	0.17	15.432	
		Grand Total		9	10	24	15	37	25	22	
		Diameter Total Weight		5156.590	7,232.174		1,916.07	670.670	51.0.2		

S.NO	DESCRIPTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]										
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

S.No	DESCRIPTION				SUPPLY					TOTAL	
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]				[illegible]						
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

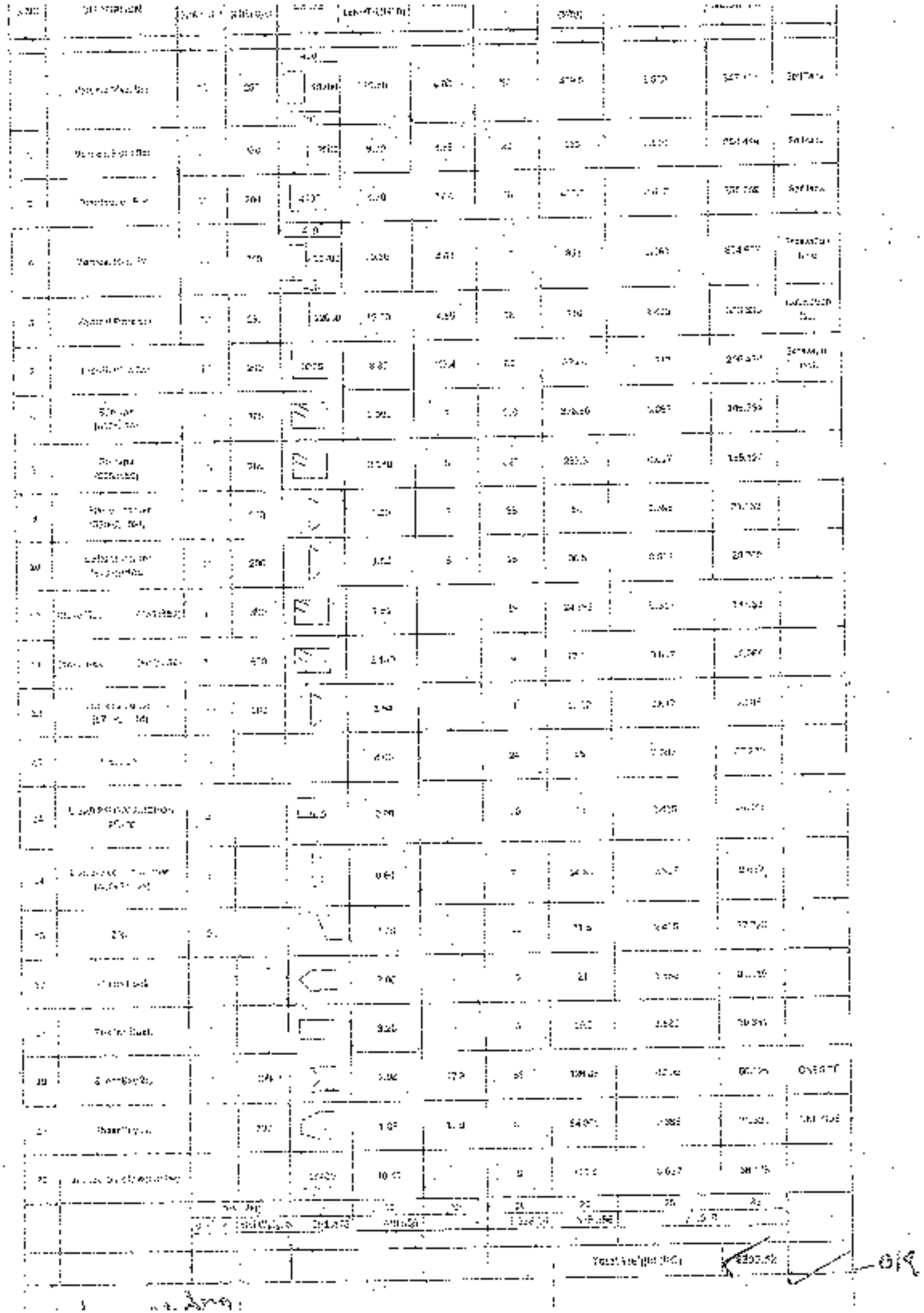
S.NO	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	WEIGHT (KG)	[illegible]
1	[illegible]	55	250	400 / 150 / 600	16.50	4.58	21	[illegible]	1.550	[illegible]	[illegible]
2	[illegible]	[illegible]	150	0000	9.00	[illegible]	20	180	1.500	[illegible]	[illegible]
3	Distribution Pa	10	150	4850	4.85	17.4	84	[illegible]	0.817	[illegible]	[illegible]
4	[illegible]	12	200	1700	16.00	[illegible]	27	[illegible]	1.590	[illegible]	Excavation [illegible]
5	[illegible]	20	250	1400	12.00	[illegible]	91	240	1.489	[illegible]	Excavation [illegible]
6	[illegible]	10	150	4850	7.85	17.4	88	[illegible]	0.817	[illegible]	Excavation [illegible]
7	[illegible]	8	200		3.000	7	100	[illegible]	0.888	120.360	
8	[illegible]	10	100		3.044	6	75	[illegible]	[illegible]	140.328	
9	[illegible] (150×2120)	7	300		[illegible]	[illegible]	[illegible]	62.424	0.885	24.301	
10	[illegible]	[illegible]	[illegible]		[illegible]	6	75	40.75	[illegible]	[illegible]	
11	[illegible] (320×450)	10	500		[illegible]	[illegible]	14	35.100	0.617	52.401	
12	[illegible]	9			4.00		40	101	0.158	59.211	
13	[illegible] BELOW ANCHOR PLATE	20		500	0.80		4	15	0.760	44.444	
14	[illegible]	10			0.61		40	364	[illegible]	[illegible]	
15	[illegible]	20			1.50		2	210	2.409	[illegible]	
16	Casing Pack	10			7.00	-	2	91	3.508	5.015	
17	Casing Pack	10			3.20	-	3	180	1.540	30.841	
18	Short Key Bar	2	300		2.10	1.75	31	[illegible]	0.395	55.125	ONLY 001
19	Short Key Bar	8	300		1.88	1.75	31	34.925	0.7[illegible]	[illegible]	ONLY 007
20	[illegible] Key	10		[illegible]	1.40	-	5	110.4	0.317	[illegible]	
		06	08	8	10	12	16	20	25	32	
		Dia Wise Total Weight		331.885	901.720		[illegible]	754.015	[illegible]		
										Total Weight (KG)	[illegible]

S.No	Description	No. of Pieces	Spacing (mm c/c)	Shape	Cutting Length (m)	Bent (m)	Nos	Total Length (m)	Unit Weight	Total Weight (kg)	Bar Mark
1	Vertical Main Bar	[illegible]	250	400 / 100	10.50	4.85	21	[illegible]	[illegible]	[illegible]	[illegible]
2	Vertical Main Bar	[illegible]	250	400 / 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	Distribution Bar	[illegible]	300	[illegible]	4.88	17.4	88	[illegible]	[illegible]	[illegible]	[illegible]
4	Vertical Main Bar	30	250	400 / 100	12.00	4.85	27	[illegible]	[illegible]	[illegible]	Projection face
5	Vertical Main Bar	30	200	400 / 100	12.00	4.85	25	240	[illegible]	[illegible]	Projection face
6	Distribution Bar	[illegible]	[illegible]	[illegible]	4.85	17.4	88	[illegible]	[illegible]	[illegible]	Projection face
7	Stirrups (100x450)	8	[illegible]	[illegible]	[illegible]	[illegible]	305	[illegible]	[illegible]	[illegible]	
8	Stirrups (100x450)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35	[illegible]	[illegible]	[illegible]	
9	Cap Lines (200x100)	8	250	[illegible]	3.68	[illegible]	300	[illegible]	[illegible]	[illegible]	
10	Cap Links (300x100)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35	[illegible]	[illegible]	[illegible]	
11	Stirrups (300x450)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24	[illegible]	[illegible]	[illegible]	
12	Stirrups	[illegible]			[illegible]		40	[illegible]	[illegible]	[illegible]	
13	TOP BELOW FOOTING SLAB	20		600	[illegible]		30	15	[illegible]	[illegible]	
14	Top corner stirrups (300x12x12)	[illegible]			[illegible]		40	[illegible]	[illegible]	[illegible]	
15	Stirrup	[illegible]			[illegible]		25	[illegible]	[illegible]	[illegible]	
16	Walking deck	20			[illegible]		9	[illegible]	[illegible]	[illegible]	
17	Walking deck	16			[illegible]		6	[illegible]	[illegible]	[illegible]	
18	Service Bar	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	Service Bar	2	[illegible]		[illegible]	[illegible]	61	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]		[illegible]	[illegible]		8	[illegible]	[illegible]	[illegible]	
	Total Weight (kg)										

S.NO	DESCRIPTION	NO OF BARS (NOS)	SPACING (MM)	SHAPE	CUTTING LENGTH (MTR)	BEND (MTR)	NOS	LENGTH (MTR)	UNIT WEIGHT	TOTAL WEIGHT (KG)	REMARKS
1	Vertical Main Bar	12	200	200 / 10,000 / 200	[illegible]	[illegible]	21	[illegible]	1.580	[illegible]	[illegible]
2	Vertical Extra Bar	12	200	9000	[illegible]	[illegible]	20	[illegible]	1.080	[illegible]	[illegible]
3	Distribution Bar	[illegible]	200	4850	[illegible]	[illegible]	58	[illegible]	0.617	[illegible]	[illegible]
4	Vertical Main Bar	14	250	200 / [illegible] / 200	[illegible]	[illegible]	23	[illegible]	[illegible]	547.111	[illegible]
5	Vertical Extra Bar	20	250	[illegible]	[illegible]	[illegible]	20	[illegible]	[illegible]	552.552	[illegible]
6	Distribution Bar	10	200	[illegible]	[illegible]	[illegible]	88	[illegible]	0.617	251.427	[illegible]
7	[illegible]	4	200		[illegible]	[illegible]	[illegible]	[illegible]	0.395	[illegible]	
8	[illegible]	10	200		[illegible]	[illegible]	78	[illegible]	[illegible]	240.556	
9	Open Links	8	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
10	Open Links	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	4575	0.617	70.241	
11	Open Links	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	0.617	[illegible]	
12	Main Bar	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	35.210	
13	Upper Vertical Main Bar PLATE	20		300	[illegible]		[illegible]	[illegible]	2.030	[illegible]	
14	Lower corner Vertical (Middle 120)	[illegible]			[illegible]		40	[illegible]	[illegible]	[illegible]	
15	[illegible]	8			[illegible]		21	[illegible]	[illegible]	77.775	
16	Lifting Hook	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
17	Bending (Edge)	10			[illegible]		8	[illegible]	[illegible]	60.541	
18	Shear Key Bar	8	400		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	Shear Key Bar	8	300		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	Vertical [illegible] shear [illegible]	[illegible]		10400	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]	
		TMT (MT)		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
		Grid Wise Total Weight		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	

7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	Vertical [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] face
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] face
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	Stirrups [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
14	Stirrups [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
15	Gas Tube [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
17	Close Tie [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
18	[illegible]	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		
19	[illegible] [illegible]	[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		
20	[illegible]	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		
21	[illegible]	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		
22	[illegible]	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		
23	[illegible]	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		
24	[illegible]	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		
25	[illegible]	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		
26	[illegible]	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		
27	[illegible]	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		
28	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
29	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
30	[illegible]	[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

S.N.	DESCRIPTION	[illegible]	[illegible]	[illegible]	CUTTING LENGTH (MTR)	SPAN (MTR)	NOS	[illegible]	[illegible]	TOTAL [illegible] (MT)	REMARKS
1	[illegible]	[illegible]	200	[illegible]	19.50	[illegible]	[illegible]	[illegible]	1.080	307.11	Sill Plate
2	[illegible]	10	200	1602	[illegible]	[illegible]	20	180	1.050	[illegible]	[illegible]
3	Distribution Car	10	[illegible]	[illegible]	[illegible]	[illegible]	25	[illegible]	[illegible]	203.407	[illegible]
4	[illegible]	15	[illegible]	1800	18.00	4.50	[illegible]	[illegible]	1.080	[illegible]	[illegible]
5	[illegible]	[illegible]	200	[illegible]	[illegible]	[illegible]	[illegible]	240	[illegible]	982.695	[illegible]
6	[illegible]	[illegible]	200	4550	[illegible]	[illegible]	85	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	8	[illegible]	[illegible]	4.060	7	[illegible]	[illegible]	0.300	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.244	[illegible]	[illegible]	229.6	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	200	[illegible]	[illegible]	7	[illegible]	[illegible]	[illegible]	[illegible]	
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
11	[illegible]	[illegible]	300	[illegible]	[illegible]	4.625	[illegible]	[illegible]	0.327	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]		40	180	[illegible]	51.210	
[illegible]	[illegible]	20		[illegible]	[illegible]		[illegible]	18	[illegible]	44.444	
[illegible]	[illegible]	10			[illegible]		40	24.4	[illegible]	13.002	
[illegible]	[illegible]	50			[illegible]		2	[illegible]	[illegible]	77.778	
[illegible]	[illegible]	25			[illegible]	[illegible]	[illegible]	21	[illegible]	[illegible]	
[illegible]	[illegible]	50			[illegible]	[illegible]	6	[illegible]	[illegible]	33.841	
[illegible]	[illegible]	[illegible]	300		[illegible]	[illegible]	37	176.83	[illegible]	[illegible]	[illegible]
19	[illegible]	[illegible]	300		[illegible]	17.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]		8	[illegible]	[illegible]	[illegible]	
		[illegible]	8	10	[illegible]	15	20		25	30	
		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]		[illegible]		

[illegible]	[illegible]	[illegible]	[illegible]	SHAPE	CUTTING LENGTH (MTS)	SPAN (FT)	NOS	TOTAL LENGTH (MTS)	UNIT WEIGHT	TOTAL WEIGHT (KG)	REMARKS
1	[illegible]	16	250	18200	18.20	6.25	[illegible]	209.2	[illegible]	[illegible]	[illegible]
2	[illegible]	13	300	2000	2.00	4.50	[illegible]	130	[illegible]	[illegible]	[illegible]
3	[illegible] Bar	10	200	4500	4.85	37.4	26	125.8	0.617	[illegible]	[illegible]
4	[illegible] Main Bar	16	250	16200	13.50	4.75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible] Bar	[illegible]	250	[illegible]	[illegible]	[illegible]	[illegible]	240	[illegible]	[illegible]	[illegible]
6	[illegible] Bar	[illegible]	300	405	4.85	37.4	85	412.0	0.617	[illegible]	[illegible]
7	[illegible]	8	300		2.000	3	138	[illegible]	0.395	[illegible]	
8	[illegible]	20	200		2.044	5	25	128.4	0.617	[illegible]	
9	[illegible]	8	200		2.09	7	200	[illegible]	0.395	[illegible]	
10	[illegible]	[illegible]	200		2.62	5	25	130.5	0.617	20.241	
11	[illegible]	[illegible]	300		1.61	6.625	26	33.985	[illegible]	20.631	
12	[illegible]	5			4.00		40	[illegible]	0.395	[illegible]	
13	[illegible] BELOW 2HOOKS PLATE	[illegible]		920	0.90		[illegible]	18	[illegible]	44.646	
14	[illegible]	21			0.92		63	[illegible]	0.617	14.062	
15	1 Pair	22			1.50		[illegible]	31.5	[illegible]	[illegible]	
16	[illegible] Hook	20			[illegible]		5	31	[illegible]	5.019	
17	[illegible] Hook	10			0.22		6	[illegible]	[illegible]	[illegible]	
18	[illegible]	4	300		[illegible]	17.9	[illegible]	127.02	[illegible]	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]		1.58	[illegible]	51	[illegible]	0.395	[illegible]	[illegible]
20	[illegible]	12		[illegible]	1.20	-	5	130.4	0.617	[illegible]	
		[illegible]	8	10	12	15	16	18	20		
		[illegible]	331.095	[illegible]		[illegible]	[illegible]	[illegible]			

S.NO	DESCRIPTION	DIA (mm)	FRACTYPE (N/mm²)	SHAPE	CUTTING LENGTH (mm)	SPACING (mm)	NOS	TOTAL LENGTH (MTR)	UNIT WEIGHT	TOTAL WEIGHT (kg)	[illegible]
1	Vertical Main Bar	16	250	500 / 10000 / 500	10.00	4.85	21	209	1.580	330.010	326.401
2	Vertical Main Bar	16	250	500 / 7100	7.10	4.85	38	180	1.580	284.444	281.198
3	Vertical Main Bar	16	250	10000	4.85	10.0	53	515.1	1.580	813.768	804.[illegible]
4	Vertical Main Bar	16	250	400 / 18250 / 400	15.05	4.85	21	319	1.580	503.515	[illegible]
5	Vertical Main Bar	16	250	400 / 17050	17.05	4.85	19	324	1.580	511.203	[illegible]
6	Distribution Bar	10	200	2850	2.85	10.0	10	317.1	0.617	195.750	[illegible]
7	Stirrup (1120x480)	8	200		3.060	5	106	324.36	0.395	128.080	
8	Stirrup (1020x380)	8	200		2.844	5	75	213.3	0.395	84.223	
9	Stirrup (920x280)	8	200		2.58	5	108	278.424	0.395	109.96	
10	Stirrup (820x180)	8	200		2.31	5	75	173.25	0.395	68.421	
11	Stirrup (720x80)	8	200		2.21	5.375	75	165.75	0.395	65.429	
12	Stirrup	8			4.00		49	196	0.395	77.420	
13	L Bar Bottom (840x[illegible])	12		600	0.94		20	18	0.499	[illegible]	
14	Chicken mesh or crack control	4			0.61		40	24.4	[illegible]	10.082	
15	[illegible]	10			1.50		41	61.5	0.617	[illegible]	
16	Lifting Lug	20			2.00		8	16	3.160	[illegible]	
17	Sinding Hook	20			3.00		8	24	3.160	75.840	
18	Bearing Bar	8	500		2.05	12.5	19	242.74	0.395	95.845	807 - 3.08
19	[illegible]	24		10.00	17.50		8	140	3.851	[illegible]	
		1	2	10	11	12	27	28	30		
	Total		611.363	799.774		1,872.50	714.610	10.015