ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463

Date: September 16, 2025

To,

The Board of Directors,
Atlanta Electricals Limited
Plot No. 1503/4, GIDC Estate,
Vithal Udyognagar, Anand,
Gujarat, India, 388121

Motilal Oswal Investment Advisors Limited
Motilal Oswal Tower, Rahimtullah Sayani Road
Opposite Parel ST Depot, Prabhadevi,
Mumbai - 400 025
Maharashtra, India

Axis Capital Limited
Axis House,
1st Floor,
Pandurang Budhkar Marg,
Worli, Mumbai – 400 025
Maharashtra, India

(Motilal Oswal Investment Advisors Limited and Axis Capital Limited are collectively referred to as the "Book Running Lead Managers" or the "BRLMs")

Re: Proposed initial public offering of equity shares of face value of ₹ 2 each (the "Equity Shares") of Atlanta Electricals Limited (the "Company" and such offering, the "Fresh Issue") and an offer for sale of Equity Shares by certain existing shareholders of the Company (the "Offer for Sale", and together with the Fresh Issue, the "Offer")

Dear Sir/Ma'am,

I, Upendranath Mahto, affiliated with M/s. Adharshila Associates the undersigned, confirm that I am duly registered as a chartered engineer with the Institution of Engineers (India) bearing membership number AM 086351-6 (*Certificate of registration enclosed herewith as **Annexure F***), and that I am authorized, and have the required competence and technical knowledge, to issue this certificate. Further, I confirm that the aforesaid registration is valid as on date hereof, and as such, I am duly qualified to issue this certification. I represent that my execution, delivery and performance of this certificate has been duly authorized by all necessary actions (corporate or otherwise) by M/s. Adharshila Associates.

As of the date of this certificate, the Company operates five manufacturing facilities as given below:

Sr. No.	Name/ Location	Owned/Controlled by	Type of Facility	Products Manufactured
1.	Atlanta Electricals Limited Unit I Plot No. 1503/04 at Anand	On lease from GIDC, Vithal Udyog Nagar, Anand	Plot No. 1503, Lease for a period of 99 years from the lease deed dated May 12, 1982 for a consideration of ₹ 1,80,320/-	Large rating Auto Transformer, Power Transformer, Furnace Transformer, Generator Transformer, and Special Duty transformers ranging

UPENDRA NATH MAHTO AM-086351-6 CHARTERED ENGINEER

ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463 **Date:** September 16, 2025

Sr. No.	Name/ Location	Owned/Controlled by	Type of Facility	Products Manufactured
			Plot no. 1504, Lease for a period of 99 years from the lease deed dated May 15, 1995 for a consideration of ₹ 7,11,480/-	from 50 MVA to 200 MVA having HV voltages up to 220 kV Class
2.	Atlanta Electricals Limited Unit 2 Plot No. 1701-02 at Anand	On lease from GIDC, Vithal Udyog Nagar, Anand	Plot No. 1701-02, Lease for a period of 99 years from the lease deed dated March 24, 1983 and deed of assignment dated August 18, 2008 for a consideration of ₹ 4,71,00,000/- as per deed of assignment	Auto Transformer, Power Transformer, Inverter Duty Transformer, Generator Transformer, and Special Duty transformers ranging from 10MVA to 40MVA having HV voltages up to 132kV
3.	Atlanta Electricals Limited. Unit 3 Plot No.1 at Bangalore	On lease from Southern Power Equipment Company Private Limited, Bangalore	Lease for a period of 6 years from March 01, 2024 to February 28, 2030 for a consideration of ₹ 9,25,12,179/- (Lease rent payable on monthly basis during tenure of lease period)	Auto Transformer, Power Transformer, Inverter Duty Transformer, Generator Transformer, and Special Duty transformers up to 16MVA having HV voltages up to 110kV
4.	Atlanta Electricals Limited. Vadod	Owned	Total consideration of ₹ 17,75,66,259/-	Large rating Auto Transformer, Power Transformer, Furnace Transformer, Generator Transformer, and Special Duty transformers ranging from 100 MVA to 500 MVA having HV voltages up to 400kV
5.	Atlanta Electricals Limited, Ankhi (Acquired facility of BTW-Atlanta Transformers India Private Limited)	Owned	Total Consideration of ₹ 1,82,44,07,330/-	Large rating Power Transformers and Reactors ranging from 315 MVA to 500 MVA having HV voltages up to 765kV

UPENDRA NATH MAHTO AM-086351-6 CHARTERED ENGINEER

ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463 **Date:** September 16, 2025

Details of facilities including total land area, utilized land area, ownership status of such facilities (freehold/ leasehold (including the duration of the lease)

Sr. No	Facility	Total land area (Sq. Mtr.)	Utilized land area (Sq. Mtr.)	Actual area being utilised for manufacturing activities (in square meters)	Ownership status (Freehold/Leasehold)	Duration of the lease
1.	Unit 1 (Plot No. 1503/04)	Plot No.: 1503 – 3,920.00 square meters Plot No.: 1504 - 3920.00	4,658.57 square meters	3,987.55 square meters	Leasehold	Plot No. 1503: 99 years from the lease deed dated May 12, 1982 Plot No. 1504: 99 years from the lease deed dated May 15,1995
2.	Unit 2 (Plot No. 1701-02)	17,845.00 square meters	10,495.60 square meters	10,296.94 square meters	Leasehold	99 years from the lease deed dated March 24, 1983 and deed of assignment dated August 18, 2008
3.	Unit 3 (Plot No. 1)	4,178.84 square meters	3,613.75 square meters	2,722.84 square meters	Leasehold	March 1, 2024 to February 28, 2030
4.	Vadod*	71,798.40 square meters	64,724.78 square meters	23,976.11 square meters	Owned	NA
5.	Ankhi	84,025.00 square meters	18,901.32 square meters	18,901.32 square meters	Owned	NA

**The installation of the Vadod Unit is to support increasing production demands and alleviate capacity constraints on the existing facilities.*

Pursuant to the engagement letter dated November 14, 2024, and at the request of the Company, **M/s. Adharshila Associates**, are required to independently examine, review, verify, confirm and certify the following:

(a) the installed capacity, actual production capacity considering critical infrastructure required like size (area) and crane capacity, winding machines, vaper face drying ovens and testing equipment and its utilization considering mix of products segmented in MVA Rating (Mega Volt Amperes) which can be produced in each of the manufacturing facilities monthly, located at Unit 1 (Plot No. 1503/04), GIDC, Vithal Udyog Nagar, Anand , Unit 2 (Plot No. 1701-02), GIDC, Vithal Udyog Nagar, Anand and Unit 3 (Plot No. 1, KIADB, Industrial Area, Doddaballapura, Bangalore, Karnataka, India, owned and/or controlled by the Company ("**Manufacturing Facilities**"), material approvals/ licenses obtained by the Company in relation to its Manufacturing Facilities and its operations, details of products manufactured at the Manufacturing Facilities and certain other matters, as appearing in **Annexure A**; and New manufacturing facility, Unit 4 at Vadod, Anand in mentioned in **Annexure B,** Ankhi facility (Acquired facility of BTW-Atlanta Transformers India Private Limited in **Annexure C**

(b) certain other particulars in relation to the Manufacturing Facilities, manufacturing capabilities and technological processes details of which appear in **Annexure D** of this certificate.

UPENDRA NATH MAHTO AM-096351-6 CHARTERED ENGINEER

ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

(c) certain layouts and photographs of the Manufacturing Facilities which appear in **Annexure E** of this certificate.

(d) The disclosures being included with regards to the business operations of the Company, as extracted in **Annexure H** of this certificate.

Based on our independent review of the information and explanations and representations provided to us by the Company, physical inspection of the machinery and equipment at the Manufacturing Facilities and our verification of the relevant information, records and documents of the Company, including list of machinery and equipments and their capacities, MIS reports on total monthly production, process description and flow-process diagrams, approvals/submissions made to governmental authorities or regulatory authorities, management certified production details and installed capacity for the Manufacturing Facilities and review of actual data at each of the Manufacturing Facilities, and other necessary procedures and other necessary procedures carried out by us including those as listed in **Annexure G** in relation to calculation of the installed capacity, actual production and capacity utilization of the Manufacturing Facilities, we confirm that (a) **Annexure A** contains true, complete, accurate and fair details of the installed capacity, actual production and capacity utilization at the Manufacturing Facilities for Fiscals 2025, 2024, and 2023; (b) the statements mentioned in **Annexure D** regarding the Manufacturing Facilities are true, complete, accurate and fair. The layout/ pictures of the existing Manufacturing Facilities as on the date of this certificate is attached as **Annexure E**.

We further confirm that we are an independent organization with no direct or indirect interest in the Company, except for provision of professional services in the ordinary course of our profession in connection with the Offer, and are not related in any manner to the promoters, promoter group, directors, key managerial personnel, member of senior management, its group companies, or directors of its group companies, shareholders, officers, employees, agents, representatives of the Company, the BRLMs or its affiliates and are not a related party of the Company in terms of the Companies Act, 2013 or the applicable accounting standards under applicable law, and that no circumstance subsists that would materially impact our confirmations and findings as expressed in this certificate. Further, we are not and have not been interested or engaged in the formation, promotion or management of the Company.

We consent to the inclusion (in part or full) of the information in this certificate, the annexures hereto and the reference(s) thereto in the red herring prospectus ("**RHP**") and the prospectus ("**Prospectus**"), intended to be filed by the Company with the Securities and Exchange Board of India (the "**SEBI**"), Registrar of Companies, Gujarat at Ahmedabad and any relevant stock exchange(s) where the Equity Shares are proposed to be listed (the "**Stock Exchanges**"), as the case may be, and as well as in addenda or supplements thereto, investor and roadshow presentations, research reports and other documents in relation to the Offer and any other material to be used in relation to the Offer (the "**Offer Documents**").

We also consent to the inclusion of this certificate as a part of "*Material Contracts and Documents for Inspection*" in connection with the Offer, which will be available for inspection at the Company's registered office or uploaded on the Company's website from date of the filing of the RHP until the Bid/Offer Closing Date.

We also consent to be named as an '*Expert*' in terms of Section 2(38) and Section 26(5) of the Companies Act, 2013, as amended, with respect to this certificate. The following details with respect to us may be disclosed in the Offer Documents:

upendra

Name of Chartered Engineer: Upendranath Mahto
Name of Organization: M/s. Adharshila Associates
Address: 408, Ashwamegh Complex, Raj Mahal Road, Vadodara
Telephone/Mobile Number: 9824027681

ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463
Email: adharshilaassociates@yahoo.com
Registration Number: AM 086351-6
Website: N.A.

Date: September 16, 2025

We hereby confirm that this certificate does not contain any untrue statement of a material fact and does not omit to state any material fact necessary in order to make the statements made herein, in the light of the circumstances under which they were made, not misleading. This certificate may be relied upon (in part or in full) by the Company, the BRLMs and the legal counsels to the Company and the BRLMs, appointed pursuant to the Offer and may be submitted to the Stock Exchanges and any other regulatory or statutory or governmental authority. We hereby consent to this certificate being disclosed by the BRLMs, if required (i) by reason of any law, regulation or order of a court or by any government or competent regulatory authority, or (ii) in seeking to establish a defence in connection with, or to avoid, any actual, potential or threatened legal, arbitral or regulatory proceeding or investigation in relation to the contents of the Offer Documents.

We undertake to immediately inform the BRLMs and the legal counsels in case of any changes or qualifications or any material developments in respect of the matters covered in this certificate (including the annexures hereto) until the date when the Equity Shares pursuant to the Offer commence trading on the Stock Exchanges. In the absence of any such written communication from us until the date when the Equity Shares commence trading on the Stock Exchanges, the above information contained in this certificate herein should be taken as true, correct, accurate and updated and you may assume that there is no change in respect of the matters covered in this certificate.

This consent letter may be relied on by the BRLMs, their affiliates and legal counsel in relation to the Offer and to assist the BRLMs in conducting and documenting their investigation of the affairs of the Company in connection with the Offer. We hereby consent to this certificate being disclosed by the BRLMs, if required (i) by reason of any law, regulation, order or request of a court or by any governmental or competent regulatory authority, or (ii) in seeking to establish a defence in connection with, or to avoid, any actual, potential or threatened legal, arbitral or regulatory proceeding or investigation. This letter is issued for the purpose of the Offer, and can be used, in full or part, for inclusion in the Offer Documents which may be filed by the Company with SEBI, the Stock Exchanges, RoC and/or any other regulatory or statutory authority. We also consent to the submission of this letter as may be necessary, to SEBI, Stock Exchanges, RoC and/or any regulatory authority and/or for any other litigation purposes and/or for the records and/or as may be required including the repository system maintained by the SEBI, Stock Exchanges and any other authority, and/or for the records to be maintained by the BRLMs in connection with the Offer and in accordance with applicable law.

We agree to keep information regarding the Offer and the contents of this certificate granted by us strictly confidential.

All capitalised terms used but not defined herein have the meanings ascribed to them in the Offer Documents.

Sincerely,

For and on behalf of
M/s. Adharshila Associates

Name: Upendranath Mahto
Designation: Chartered Engineer

ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road,
Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463 **Date:** September 16, 2025
Encl: As above.

CC:

Legal counsel to the Book Running Lead Managers, as to Indian laws

J. Sagar Associates
One Lodha Place
27th Floor, Senapati Bapat Marg,
Lower Parel,
Mumbai 400 013
Maharashtra, India
Legal counsel to the Company as to Indian laws

Trilegal
One World Centre
10th Floor, Tower 2A & 2B,
Senapati Bapat Marg,
Lower Parel (West),
Mumbai - 400 013
Maharashtra, India

Encl.: As above

UPENDRA NATH MAHTO AM-086351-6 CHARTERED ENGINEER

ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463 **Date:** September 16, 2025

Annexure A

A. Details of the annual installed capacity and capacity utilization of the Manufacturing Facilities for Fiscals 2025, 2024, 2023.

(Capacity calculated in Mega Volt Amperes)

Facility	Fiscal 2025			Fiscal 2024			Fiscal 2023		
	Installed Capacity	Actual Production	Capacity utilization (in %)	Installed Capacity	Actual Production	Capacity utilization (in %)	Installed Capacity	Actual Production	Capacity utilization (in %)
Unit - 1 Anand (Plot No. 1503/04)	9360.00	10926.00	116.73%*	7440.00	5836.00	78.44%	7440.00	4073.00	54.74%
Unit - 2 Anand (Plot No. 1701-02)	6660.00	5446.50	81.78%	6660.00	4615.10	69.30%	6660.00	5423.30	81.43%
Unit - 3 Bangalore	720.00	80.00	11.11%	720.00	120.00	16.67%	720.00	1008.00	140.00%
Total	**16740.00**	**16452.50**	**98.28%**	**14820.00**	**10571.10**	**71.33%**	**14820.00**	**10504.30**	**70.88%**

**During FY 25 due to higher demand for 220 kV class transformers, capacity utilization of Unit-1 was high.*

Proposed capacity utilization for Fiscal 2026 and Fiscal 2027

Facility	Installed Capacity (MVA)	Estimated Production (MVA)	Capacity utilization (%)	Installed Capacity (MVA)	Estimated Production (MVA)	Capacity utilization (%)
	Fiscal 2026			Fiscal 2027		
Gujarat Unit – I*	9,360	7,076	75.60%	9,360	7,180	76.71%
Gujarat Unit – II	6,660	5,548	83.30%	6,660	5,535	83.11%
Karnataka	720	370	51.39%	720	392	54.50%
Vadod Facility*	30,540	14,408	47.18%	30,540	19,717	64.56%
Ankhi Facility	15,780	6,200	39.29%	15,780	10,636	65.50%
Total	**63,060**	**33,602**	**53.29%**	**63,060**	**43,160**	**68.44%**

**The installation of a vadod facility is to support increasing production demands and alleviate capacity constraints on the existing facilities.*

UPENDRA NATH MAHTO * CHARTERED ENGINEER * AM-086351-6

ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463 **Date:** September 16, 2025
Notes:

Key assumption for capacity calculation:

For Fiscal 2023 and Fiscal 2024

Facility	MVA/Job	No. of Jobs	Total MVA / Month	Total MVA / Year
Unit - 1 Anand (Plot No. 1503/04) 132kV to 220kV class Transformers				
160 MVA / 220kV class Transformers	160	2	320	3840
100 MVA / 132kV class Auto and Power Transformers	100	3	300	3600
Subtotal Unit -1				**7440**
Unit - 2 Anand (Plot No. 1701-02) 33kV to 132kV class Transformers				
20 MVA / 110 kV class Transformers	20	6	120	1440
15 MVA / 66 kV class Transformers	15	10	150	1800
12.5 MVA / 33 kV class IDT Transformers	12.5	6	75	900
10 MVA / 33 kV class Transformers	10	13	130	1560
40 MVA / 132 kV class Transformers	40	2	80	960
Subtotal Unit -2				**6660**
Unit - 3 Bangalore - 33kV to 110kV class Transformers				
12.5 MVA / 66 kV class Transformers	12.5	4	50	600
10 MVA / 110 kV class Transformers	10	1	10	120
Subtotal Unit -3				**720**
Grand Total				**14820**

For Fiscal 2025

Facility	MVA/Job	No. of Jobs	Total MVA / Month	Total MVA / Year
Unit - 1 Anand (Plot No. 1503/04) 132kV to 220kV class Transformers				
160 MVA / 220kV class Transformers	160	3	480	5760
100 MVA / 132kV class Auto and Power Transformers	100	3	300	3600
Subtotal Unit -1				**9360**
Unit - 2 Anand (Plot No. 1701-02) 33kV to 132kV class Transformers				
20 MVA / 110 kV class Transformers	20	6	120	1440
15 MVA / 66 kV class Transformers	15	10	150	1800
12.5 MVA / 33 kV class IDT Transformers	12.5	6	75	900
10 MVA / 33 kV class Transformers	10	13	130	1560

UPENDRA NATH MAHTO AM-086351-6 CHARTERED ENGINEER

ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

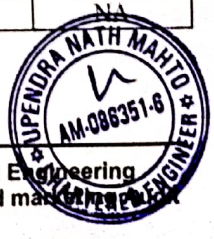
40 MVA / 132 kV class Transformers	40	2	80	960
Subtotal Unit -2				**6660**
Unit - 3 Bangalore - 33kV to 110kV class Transformers				
12.5 MVA / 66 kV class Transformers	12.5	4	50	600
10 MVA / 110 kV class Transformers	10	1	10	120
Subtotal Unit -3				**720**
Grand Total				**16,740**

1. *The Facilities were commissioned on*

Unit 1: 1988-89
Unit 2: 2008-09
Unit 3: 2018-19

B. Details of material approvals required/obtained for the operation of the Manufacturing Facilities:

S. No.	Material approval(s)	Authority	Validity	Application for renewal (if applicable)	Material approval(s) yet to be applied for (if any)
Unit 1 Anand (Plot No. 1503/04)					
1.	Factory License	Director Industrial Safety and Health	From November 7, 2023 to December 31,	NA	NA
2.	Stability Certificate	Chartered Engineer	From January 11, 2022 to January 10,-2027	NA	NA
3.	Factory Layout Plan	Director Industrial Safety and Health	Approval Date September 24, 2024	NA	NA
4.	GPCB Consent Letter	Gujarat Pollution Control Board	From August 09, 2024 to March 31, 2029	NA	NA
Unit 2 Anand (Plot No. 1701-02)					
1.	Factory License	Director Industrial Safety and Health	From November 07, 2023 to December 31, 2026	NA	NA
2.	Stability Certificate	Chartered Engineer	From April 14, 2023 to April 13, 2028	NA	NA
3.	Factory Layout Plan	Director Industrial Safety and Health	Approval Date February,04, 2022	NA	NA
4.	GPCB Consent Letter	Gujarat Pollution Control Board	From July 14, 2023 to March 31, 2028	NA	NA
Unit 3 (Bangalore) (Plot No. 1)					
1.	Factory License	Director Industrial Safety and Health	From January 01, 2024 to December 31, 2026	NA	NA
2.	Stability Certificate	Civil Engineer	From November 15, 2023 to November 14, 2028	NA	NA
3.	Factory Layout Plan	Deputy Director of Factory	Approval Date December 13, 2023	NA	NA
4.	KPCB Consent Letter	Karnataka Pollution	From August 18, 2020 to	NA	NA



Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463 **Date:** September 16, 2025

S. No.	Material approval(s)	Authority	Validity	Application for renewal (if applicable)	Material approval(s) yet to be applied for (if any)
		Control Board	September 30, 2029		
Unit 4 (Vadod)					
1.	Factory License	Director Industrial Safety and Health	From January 30, 2025 to December 31, 2029	NA	NA
2.	Stability Certificate	Chartered Engineer	From February 01, 2025 to January 31, 2030	NA	NA
3.	Factory Layout Plan	Director Industrial Safety and Health	Approval Date January 30, 2025	NA	NA
4.	GPCB CTE	Gujarat Pollution Control Board	Valid Upto April 07, 2032	NA	NA
5.	GPCB CCA	Gujarat Pollution Control Board	Valid up to July, 22, 2030	NA	NA
Unit 5 (Ankhi)					
1.	Factory License	Director Industrial Safety and Health	Pending	Pending	Pending
2.	Stability Certificate	Chartered Engineer	Pending	Pending	Pending
3.	Factory Layout Plan	Director Industrial Safety and Health	Pending	Pending	Pending
4.	GPCB	Gujarat Pollution Control Board	Pending	Pending	Pending

UPENDRA NATH MAHTO AM-086351-6 CHARTERED ENGINEER

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Ref No: AS/VDR/25-26/1463 **Date:** September 16, 2025

Annexure B – related to New Manufacturing Facility, Unit 4 at Vadod, Anand

The Vadod facility is designed to manufacture large rating Auto Transformer, Power Transformer, Inverter Duty Transformer, Furnace Transformer, Generator Transformer, and Special Duty transformers with the rated capacity of up to 500 MVA and 400 kV class as mass production. This facility had commenced commercial production in month of July, 2025. This facility is built on land admeasuring 71,798.40 sq. mtr. and has an annual installed capacity of 30,540 MVA considering the product mix.

1. **Details of the total land area and type of facility.**

Sr. No.	Location	Owned / Controlled by	Type of Facility
1.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 685/A	Owned	Plot no.1, admeasuring area 505.00 square meters. Plot no.2, admeasuring area 400.00 square meters. Plot no.5, admeasuring area, 420.40 square meters. Plot no.7, admeasuring area 415.90 square meters.
2.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 685/A	Owned	Plot no.3, admeasuring area 405.10 square meters. Plot no.4, admeasuring area 410.90 square meters. Plot no.6, admeasuring area, 429.65 square meters. Plot no.8, admeasuring area 432.90 square meters
3.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 686	Owned	Plot no.5, admeasuring area 386.12 square meters Plot no.6, admeasuring area 384.72 square meters Plot no.7, admeasuring area, 383.81 square meters Plot no.8, admeasuring area 382.82 square meters
4.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 686	Owned	Plot no.1, admeasuring area 798.00 square meters
5.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 686	Owned	Plot no.3, admeasuring area 544.00 square meters
6.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 686	Owned	Plot no.4, admeasuring area 545.00 square meters
7.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 686	Owned	Plot no.9/A, admeasuring area 582.15 square meters Plot no.9/B admeasuring area 582.16 square meters Plot no.12/1, admeasuring area, 816.31 square meters Plot no.10, admeasuring area 548.00 square meters
8.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 686	Owned	Plot no.12, admeasuring area 924.40 square meters Plot no.14 admeasuring area 397.84 square meters Plot no.17, admeasuring area, 789.62 square meters
9.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 686	Owned	Plot no.16, admeasuring area 389.00 square meters
10.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 686	Owned	Plot no.18, admeasuring area 400.00 square meters Plot no.19 admeasuring area 921.00 square meters Plot no.15 admeasuring area, 608.11 square meters
11.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 688	Owned	Plot no.11, admeasuring area 427.12 square meters Plot no.12, admeasuring area 427.12 square meters Plot no.13, admeasuring area, 425.00 square meters Plot no.14, admeasuring area 418.68 square meters
12.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 688	Owned	Plot no.1, admeasuring area 640.75 square meters Plot no.2, admeasuring area 495.12 square meters Plot no.5, admeasuring area, 385.68 square meters Plot no.8, admeasuring area 497.37 square meters Plot no.17, admeasuring area 362.50 square meters

UPENDRA NATH MAHTO AM-086351-6 CHIEF ENGINEER

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463 **Date:** September 16, 2025

Sr. No.	Location	Owned / Controlled by	Type of Facility
13.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 688	Owned	Plot no.9, admeasuring area 545.56 square meters Plot no.10, admeasuring area 431.37 square meters
14.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 688	Owned	Plot no.16, admeasuring area 402.18 square meters
15.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 688	Owned	Plot no.18, admeasuring area 480.25 square meters Plot no.19, admeasuring area 462.00 square meters Plot no.20, admeasuring area, 486.00 square meters Plot no.21, admeasuring area 563.58 square meters Plot no.22, admeasuring area 578.80 square meters
16.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 688	Owned	Plot no.3, admeasuring area 414.37 square meters Plot no.4, admeasuring area 402.18 square meters Plot no.6, admeasuring area, 409.06 square meters Plot no.7, admeasuring area 384.43 square meters
17.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 684	Owned	7,292.00 square meters
18.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 685	Owned	8,746.00 square meters
19.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 687	Owned	10,724.00 square meters
20.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 688	Owned	431.37 square meters
21.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 689	Owned	7,000.00 square meters
22.	VADOD, TA. DIST. ANAND, bearing revenue survey no. 697	Owned	14,163.00 square meters

2. Details of the annual installed capacity and Key assumption for capacity calculation

Capacity for FY 2024-25

Facility	MVA/Job	No. of Jobs	Total MVA / Month	Total MVA / Year
Unit - 4 Vadod - 100 MVA 132kV to 500 MVA 400 kV Class Transformers				
500 MVA / 400 kV class Transformer	500	2	1000	12000
160 MVA / 220kV class Transformers	160	7	1120	13440
100 MVA / 132kV class Auto and Power Transformers	100	3	300	3600
125 MVA / 220kV class Transformers	125	1	125	1500
Total Unit -4				**30540**

UPENDRA NATH MAHTO AM-086351-6 CHARTERED ENGINEER

ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463 **Date:** September 16, 2025

3. Details of material approvals required/obtained for the operation of the Manufacturing Facilities:

S. No.	Name of the Approval	Issuing authority	Application Date	Approval Date	Validity	Application for renewal (if applicable)	Material approval(s) yet to be applied for (if any)
1	Factory License	Director Industrial Safety and Health	NA	NA	From January 30, 2025 to December 31, 2029	NA	NA
2	Stability Certificate	Chartered Engineer	NA	NA	From February 01, 2025 to January 31, 2030	NA	NA
3	Factory Layout Plan	Director Industrial Safety and Health	NA	NA	Approval Date January 30, 2025	NA	NA
4	GPCB CTE	Gujarat Pollution Control Board	NA	NA	Valid Up to April 07, 2032	NA	NA
5	GPCB CCA	Gujarat Pollution Control Board	July 23, 2025	NA	Valid up to July 22, 2030	NA	NA

UPENDRA NATH MAHTO AM-086351-6 CHARTERED ENGINEER

ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463 **Date:** September 16, 2025

Annexure C – Related to BTW-Atlanta Transformers India Private Limited, Ankhi.

The Ankhi facility is designed to manufacture single phase transformers with rated capacity of up to 500 MVA and 765 kV class as mass production. Further, the Company is in the process of commencing commercial production on this facility. This manufacturing facility is built on land admeasuring 84,025 Sq mtr and has an annual manufacturing capacity of 15,780 MVA considering product mix.

1. **Details of the total land area and type of facility.**

Sr. No.	Location	Owned / Controlled by	Type of Facility
1	Survey No. 192/1	Owned	Survey No.192/1 admeasuring area 225 Square meters
2	Survey No. 192/3	Owned	Survey No.192/3 admeasuring area 3066 Square meters
3	Survey No. 193	Owned	Survey No. 193 admeasuring area 8498 Square meters
4	Survey No. 194	Owned	Survey No. 194 admeasuring area 8296 Square meters
5	Survey No. 195	Owned	Survey No. 195 admeasuring area 3946 Square meters
6	Survey No. 196	Owned	Survey No. 196 admeasuring area 3945 Square meters
7	Survey No. 197	Owned	Survey No. 197 admeasuring area 9611 Square meters
8	Survey No. 198	Owned	Survey No. 198 admeasuring area 9409 Square meters
9	Survey No. 199	Owned	Survey No. 199 admeasuring area 18009 Square meters
10	Survey No. 209	Owned	Survey No. 209 admeasuring area 19020 Square meters

2. **Details of the annual installed capacity and Key assumption for capacity calculation**

Capacity for FY 2025-26

Facility	MVA/Job	No. of Jobs	Total MVA / Month	Total MVA / Year
Unit - 5 Ankhi - 315 MVA 400kV to 500 MVA, 765 kV Class Transformers				
500 MVA / 400 kV class Transformer	500	1	500	6,000
315 MVA / 400kV class Transformers	315	1	315	3,780
500 MVA / 765kV class Transformers	500	1	500	6,000
Total Unit -5				**15,780**

3. **Details of material approvals required/obtained for the operation of the Manufacturing Facilities:**

S. No.	Name of the Approval	Issuing authority	Application Date	Approval Date	Validity till date, if any	Priority	Status
1	Factory License	Director Industrial Safety and Health	Pending	Pending	Pending	Pending	Pending
2	Stability Certificate	Chartered Engineer	Pending	Pending	Pending	Pending	Pending
3	Factory Layout Plan	Director Industrial Safety and Health	Pending	Pending	Pending	Pending	Pending
4	GPCB	Gujarat Pollution Control Board	Pending	Pending	Pending	Pending	Pending

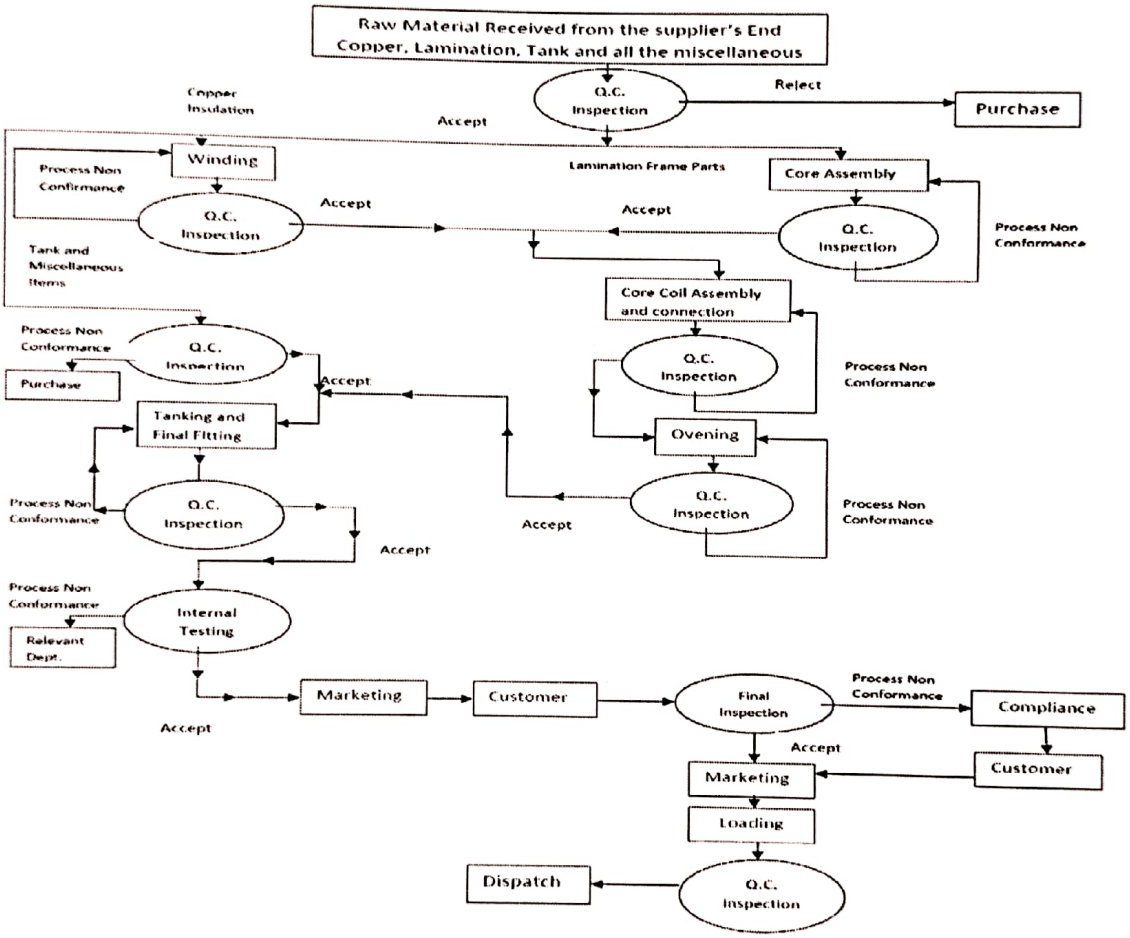
ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463

Date: September 16, 2025

Annexure D



Process	Explanation
Winding	Windings are made from electrical grade copper and aluminium wires, strips and sheets. The process involves winding of the conductors onto a fixed or collapsible formers maintaining the dimensions and insulations as per the design. Our winders can produce windings from paper insulated single or multiple conductors and continuously transposed conductors. Our workforce is highly skilled in making all types of windings like disc, helical, layered, crossover, sandwich and concentric. We use windings of Aluminium foil for inverter duty transformers. On being removed from the winding formers, all winds are subjected to heating in ovens to remove the moisture contents from the insulating materials and pressed to achieve the desired dimensions.
Core Building	The cores are made of silicon steel which is cold rolled for orientation of grains to provide high permeability, low losses and high stacking factor. Transformer cores are built using cold rolled grain-oriented strips of various thicknesses from 0.30 mm to 0.20 mm thickness. Our cores are built using mitred, step lap design to impart low losses and compactness.

UPENDRA NATH MAHTO AM-086351-6 CHARTERED ENGINEER

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463 **Date:** September 16, 2025

Process	Explanation
Core Coil Assembly	This is a process wherein the yoke of the core is removed, and windings are placed to encircle the core limbs. While inserting the coils around the core limbs care is taken to ensure that the sharp or pointed edges of the core strips do not damage the conductor insulation. Once the windings are in place, the yoke is again put in place, for completing the electrical circuit of the active part of the transformer. Windings are inserted into core leges to make this assembly followed by various electrical connections using copper cables and flats.
High Voltage and Low Voltage connections	Once the active part is ready, the high and low voltage coils are connected using multi strand copper conductors and flats as per the vector group requirement.
Vapour phase Drying	Presence of moisture in the active part of the transformer is detrimental to the performance and life of the transformer. Removal of moisture from the core coil assembly is a vital process. We use vapour phase drying vacuum autoclaves for removing the moisture content from the active part. Depending on the quantum of insulation material, active parts are dried from a period of 48 hours to 72 hours.
Tanking	Dried core coil assemblies from the oven are lowered into the tanks for housing the active part. This process requires experienced and skilled manpower to complete the tanking process in a duration which avoids re-ingress of moisture into the active part. The HV & LV connections of the active part are brought out using bushings for external connection to the grid cables and the tank is closed airtight. This is followed by mounting other protective and monitoring accessories.
Factory Acceptance Test	Fully assembled jobs undergo various tests as per relevant IS / IEC standards. To maintain transparency of our materials, workmanship and product being offered, we invariably invite customers to witness the tests to their satisfaction. Our products also undergo any special or type tests as desired by the customers. On successful completion of the FAT, we obtain the dispatch clearance from the customer and assist them in transportation to the desired site/location.

UPENDRA NATH MAHTO AM-086351-6 CHARTERED ENGINEER

ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road,
Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463 **Date:** September 16, 2025

Annexure E

1 Winding

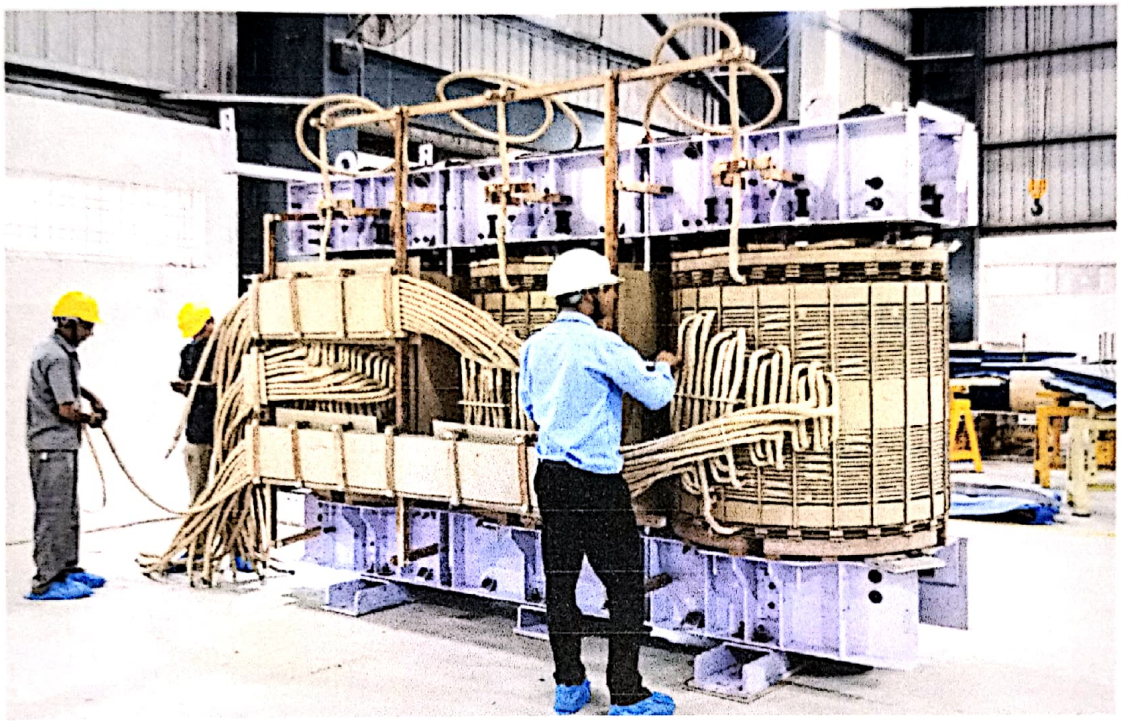
2 Core Assembly

ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road,
Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463 **Date:** September 16, 2025

3 CCA



4 Ovening

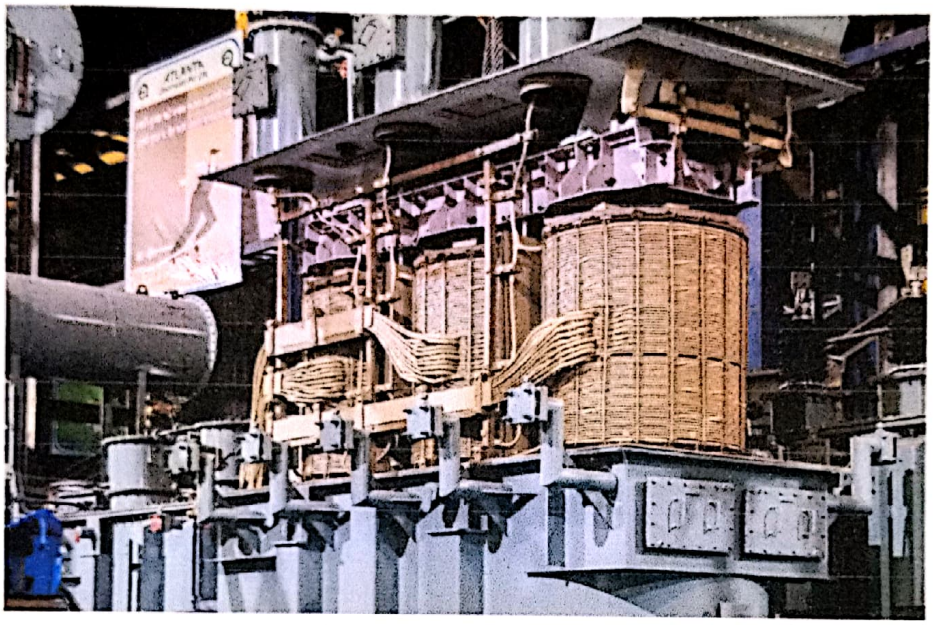
UPENDRA NATH MAHTO AM-086351-6 CHARTERED ENGINEER

ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road,
Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463 **Date:** September 16, 2025

5 Tanking



6 Testing

UPENDRA NATH MAHTO AM-086351-6 CHARTERED ENGINEER

ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road,
Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463

Date: September 16, 2025

Annexure F

The Institution of Engineers (India)

0035537

AM086351-6

By virtue of Professional training, experience and Corporate Membership of this Institution

UPENDRA NATH MAHTO

is hereby authorised to use the style and title of

Chartered Engineer [India]

Dated this Fourth day of August 2000

Secretary and Director General

UPENDRA NATH MAHTO
AM-086351-6
CHARTERED ENGINEER

ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463

Date: September 16, 2025

Annexure G

- We have conducted physical inspection of the machinery and equipment at each of the Manufacturing Facilities and verified the relevant information, records and documents of the Company, such as:

a) List of machinery and equipment and their capacities,
b) Reports on total monthly & yearly production,
c) process description
d) flow-process diagrams
e) approvals from government authorities or regulatory authorities

UPENDRA NATH MAHTO
AM-086351-6
CHARTERED ENGINEER

ADHARSHILA ASSOCIATES
Engineering, Financial and Management Consultants

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463

Date: September 16, 2025

Annexure – H

- We have five manufacturing facilities and operate four fully operational manufacturing facilities, two located at Anand, Gujarat and one at Bengaluru, Karnataka and the Vadod Unit which has commenced commercial production in July, 2025 is located in Vadod, Gujarat. Our fully operational four facilities (including the Vadod Unit which has commenced production in the month of July, 2025) aggregate to 10,94,282.19 sq. ft. land area with a combined capacity of 47,280 MVA. Further, with the inclusion of BTW-Atlanta Transformers Private Limited as our wholly owned subsidiary, we have added a facility at Ankhi to our existing facilities, with a total land area aggregating to 904,436.70 sq. ft. and an installed capacity of 15,780 MVA. All five of our facilities will have a combined installed capacity of 63,060 MVA. Our Gujarat Unit – I and Gujarat Unit – II facilities comprise National Accreditation Board for Testing and Calibration Laboratories ("NABL") accredited testing laboratories with four transformer testing labs capable of conducting routine tests for transformers up to 200 MVA/ 245kV and one transformer oil testing lab.
- As of March 31, 2025, our portfolio comprises of 6 products, such as power transformers, inverter duty transformers, furnace transformers, generator transformers, and special duty transformers.
- Set forth below are the details of our current product capabilities Fiscals 2025, 2024, 2023:

Transformer Type	Maximum HV kV Rating	Maximum MVA Rating	Transformers and allied products sales as at March 31,2025 (in ₹ million)	Transformers and allied products sales as at March 31, 2024 (in ₹ million)	Transformers and allied products sales as at March 31, 2023 (in ₹ million)
Power Transformer	220 kV	160 MVA	9,156.85	7,719.14	8,159.09
Auto Transformer	220 kV	200 MVA	1,338.14	80.24	271.12
Inverter Duty Transformer	33 kV	18.5 MVA	1,290.98	492.00	26.49
Furnace Transformer*	66 kV	50 MVA	-	-	-
Generator Transformer*	220 kV	160 MVA	-	-	-
Special Duty Transformer*	132 kV	50 MVA	-	-	-
Parts sales	-	-	250.70	86.36	54.91
Total			**12,036.66**	**8,377.74**	**8,511.61**

**Our Company has not manufactured this product during Fiscals 2025, 2024 and 2023.*

- The ester-based fluids are fire-safe, biodegradable, and less hazardous, making them ideal for use in urban environments.
- Step-up transformers, for instance, are essential in solar and wind power plants to elevate the voltage of the electricity generated for transmission to the grid. Additionally, inverter duty transformers are crucial for mitigating harmonics and ensuring smooth integration with grid networks
- The Company has robust manufacturing capabilities with a dedicated emphasis on quality, regulatory compliance, and health and safety measures. We operate three state-of-art manufacturing facilities, t

UPENDRA NATH MAHTO AM-086351-6 CHARTERED ENGINEER

located in Anand, Gujarat and one in Bengaluru, Karnataka, equipped with advanced technology to ensure the production of quality and various types of transformers.

- The Company has set up facility in Vadod which has started commercial production in July, 2025. This facility is designed to handle the manufacturing of transformers with a rated capacity of up to 500 MVA and 400 kV.
- Our present capabilities include 35 winding machines, eight core building stations, 14 core coil assembly stations, two vapor phase drying ovens, six vacuum drying ovens, and seven tanking workstations, enabling us to meet demanding production schedules. Our testing facilities include four NABL – accredited labs capable of testing transformers up to 200 MVA/245 kV, conducting a range of routine and specialized tests, such as lightning impulse test, temperature rise test, acoustic noise level test, partial discharge analysis and sweep frequency response analysis.
- For the financial years ended March 31, 2025, 2024, and 2023, our aggregate installed manufacturing capacity was 16,740 MVA, 14,820 MVA, 14,820 MVA, with capacity utilization rates of 98.28% 71.33%, and 70.88%, respectively. Our state – of – the – art infrastructure features machinery and equipment sourced from global suppliers, ensuring efficiency in our production processes.
- We have an in – house testing and inspection facilities such as dimension accuracy testing, impact resistance testing, surface finish inspection, colour finish inspection, gloss finish inspection and density testing.
- With our advanced manufacturing facilities, research and development capabilities, and ongoing expansion, we are positioned to reduce costs, increase production, and achieve economies of scale.
- Our in-house advanced capabilities to develop new technologies and products provide us with a competitive edge in pricing and customization. Our ability to innovate and deliver transformers, such as testing transformers, inverter duty transformers of various ratings, and transformers used in railways, positions us as a valuable partner in the industry.
- ***Increase market share with improved utilisation levels***
  We currently have an aggregate installed capacity of 16,740 MVA as at March 31, 2025, , at our three manufacturing facilities located in Anand, Gujarat, and Bengaluru, Karnataka. To further support our growth and capture a larger share of the market, we have set up an additional manufacturing facility in Vadod, Gujarat and have acquired a manufacturing facility at village Ankhi, Gujarat (BTW-Atlanta Transformers Private Limited) which will increase our installed capacity to 47,280 MVA.
- The Company has supplied a 100 MVA, 220/66 kV power transformer to the Gujarat Energy Transmission Corporation Limited, which utilized natural ester oil (edible oil) instead of conventional mineral oil, along with resin impregnated paper bushings instead of standard oil impregnated paper bushings supporting the Company's commitment to green initiatives.

Our Business Operations

Our Products

We supply a wide range of power transformers starting from 5 MVA/11 kV up to 200 MVA/220 kV, as well as auto transformers, inverter duty transformers, furnace transformers, generator transformers, and special duty transformers. Set forth are the descriptions, specifications and applications of our key products which we manufacture:

UPENDRA NATH MAHT AM-086351-6 CHARTERED ENGINEER

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463 **Date:** September 16, 2025

Power Transformers

A power transformer is a static device that efficiently transfers electrical energy between circuits without changing the frequency, using electromagnetic induction. Power transformers modify voltage levels to enhance energy efficiency and safety in power transmission. Various types, such as step-up, step-down, single-phase, and three-phase, cater to different electrical system requirements. Essential in sectors like power generation, transmission, and distribution, power transformers also provide specific voltage levels for diverse applications.

Power Transformers are primarily used in electrical substations to step up or step-down voltage levels for efficient power transmission and distribution. Major customers typically include government-run transmission and distribution companies, as well as privately owned substations supplying power to their own ancillary units.

Auto Transformers

An autotransformer is a type of transformer that uses a single winding for both the primary and secondary windings. An autotransformer has a direct electrical connection between the primary and secondary circuits. The voltage can be adjusted by changing the number of turns between the input and output taps. These transformers are used in many applications, including power-supply boost converters, computers, medical equipment, remote control equipment, and telecommunication equipment.

Auto Transformers are primarily used in electrical substations to connect grids of different voltage classes. Their major customers include government-run transmission and distribution companies.

Inverter Duty Transformers

They are used to transfer electrical energy without changing the frequency and are suitable for solar and wind applications. They are specialised, high-efficiency transformers with robust construction, high overload capability, reduced noise and vibration levels, designed for applications like solar power plants, wind farms, VFDs and renewable energy systems.

Inverter Duty Transformers step up the voltage output from inverters at solar generating stations. They facilitate power transmission from solar generation units to pooling stations. The major customers for these transformers include entities involved in solar renewable energy generation.

Furnace Transformers

Many industries and manufacturing facilities utilize arc furnaces, ladle furnaces, and induction furnaces, all of which require reliable furnace transformers for power supply. We design and supply a variety of furnace transformers, offering up to 24 pulses with multiple windings, reaching capacities of 50 MVA and 66 kV Class. Our heavy-duty transformers are rigorously tested to perform under challenging conditions, ensuring stability despite fluctuations in current and voltage.

Furnace Transformers supply power to smelter furnaces used in industries such as steel, copper, and aluminium production. These high-current transformers are designed to handle the large electrical loads required for metal smelting. Major customers for Furnace Transformers primarily include private companies involved in steel, copper or aluminium smelting.

Special Duty Transformers

Special Duty Transformers require careful consideration of design parameters such as flux density, current density, short-circuit withstand capacity, and thermal performance under varying load conditions. The technical

UPENDRA NATH MAHTO AM-086351-6 CHARTERED ENGINEER

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

specifications for these transformers present significant design challenges. Types of special duty transformers include short circuit testing transformers, rectifier transformers, and high voltage testing transformers, each with specific requirements that must be addressed to ensure efficient and reliable operation.

Special Duty Transformers are designed for unique applications, such as high-power testing laboratories, railway traction, rectifiers for electrochemical industries, and shore-to-ship power supplies at ports. The major customers for Special Duty Transformers include private and/ or government high power laboratories and private customers with special requirements.

Manufacturing Facilities

We operate three state – of – the – art manufacturing facilities and one to be operational manufacturing facility in India, each equipped with advanced technology.

Anand Unit 1

Anand Unit 1 was set up at Plot No. 1503/04, Vithal Udyog Nagar GIDC in Anand, Gujarat and spans across an area of approximately 7,840 square meters land area and has an annual installed capacity of 9,360 MVA, as of March 31, 2025. We use this facility for manufacturing of large rating Transformers from 50 MVA to 200 MVA having HV voltage rating up to 220 kV. Typically, large rating Power Transformers & Auto Transformers are manufactured in this plant.

Anand Unit 2

Anand Unit 2 was set up at Plot No. 1701-02, Vithal Udyog Nagar GIDC in Anand, Gujarat and spans across an area of approximately 17,845 square meters land area and has an annual installed capacity of 6,660.00 MVA, as of March 31, 2025. We typically use this facility to manufacture power transformers from 10 MVA to 40 MVA 132 kV and produce inverter duty transformers for our solar park customers and special purpose transformers for our customers.

UPENDRA NATH MAHTO AM-086351-6 CHARTERED ENGINEER

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463 **Date:** September 16, 2025

Bangalore Unit

Bangalore Unit was set up at Plot No. 1, KIADB Industrial Area, Doddaballapura, in Bengaluru, Karnataka and spans across an area of approximately 4,178.84 square meters land area and has an annual installed capacity of 720.00 MVA, as of March 31, 2025. We use this facility to manufacture power transformers upto 16 MVA 110 kV. We generally cater to the requirement of nearby customers from this plant to have an edge on logistics cost.

Vadod Unit

The Vadod facility is designed to manufacture large rating Auto Transformer, Power Transformer, Inverter Duty Transformer, Furnace Transformer, Generator Transformer, and Special Duty transformers with the rated capacity of up to 500 MVA and 400 kV class as mass production. This facility is built on land admeasuring 71,798.40 sq. mtr. and has an annual installed capacity of 30,540 MVA.

Capacity expansion: Our facility in Vadod has started commercial production in July, 2025. The commissioning of our Vadod Unit will increase our installed capacity from 16,740 MVA to 47,280 MVA, representing 182.44% increase in manufacturing capabilities. The schedule of implementation of our facility in Vadod is set forth in the table below:

UPENDRA NATH MAHTO AM-086351-6 CHARTERED ENGINEER

Office : 408, Ashwamegh Complex, Opp. Sayaji Vihar Club, Rajmahal Road, Vadodara-1. Ph : (O) 0265-2436246 / 2251656 • Mob. : 9824027681
E-mail : adharshilaassociates@yahoo.com

Ref No: AS/VDR/25-26/1463 **Date:** September 16, 2025

Sr. No.	Particulars	Estimated date of completion
1.	Factory infrastructure & utilities setup (civil)	Completed
2.	Production unit setup (insulation, winding, core, core-coil assembly and tanking & oven)	Completed
3.	Equipment installation and calibration	Completed
4.	Trial production	Completed
5.	Commercial production	Completed
6.	Testing setup & NABL certification	September 2025

Ankhi Unit:

The Ankhi facility is designed to manufacture single phase transformers with rated capacity of up to 500 MVA, 765 kV class as mass production. Further, the Company is in the process of commencing commercial production on this facility. This manufacturing facility is built on land admeasuring 84,025 Sq mtr and has an annual manufacturing capacity of 15,780 MVA considering product mix.

UPENDRA NATH MAHTO AM-086351-6 CHARTERED ENGINEER