



Energy Management Centre - Kerala
(Department of Power, Govt of Kerala)

CERTIFICATE OF EMPANELMENT

*This is to certify that **M/s. Momentum India Private Limited** (LG, Smartworks World Trade Tower, C- Block, Sector 16, Noida, Uttar Pradesh – 201301) is empanelled as Energy Audit firm in Energy Management Centre Kerala to conduct mandatory energy audit as per Government of Kerala G.O (Rt) No.2/2011/PD dated 01.01.2011.*

Empanelment No:
EMCEEA- 5725F

Scope/Area	Building	Industry -Electrical	Industry Thermal
	Yes	Yes	Yes

This empanelment is valid up to 15/05/2028

Issuing Date: 16/05/2025

Place: Thiruvananthapuram

Director,
Energy Management Centre Kerala

Information of firm	
Name & address of the firm	Momentum India Private Limited LG Smartworks WTT, C Block, Sector 16, Noida, Uttar Pradesh – 201301
Office(with STD)	0120-413 5557
Mobile	9910993970
Fax number	NA
Website (if any)	https://momentumindia.in/
Email address	i n f o @ m o m e n t u m i n d i a . i n
Name, Designation and address of Contact person	Mr. Himmat Rana (Director)
Office(with STD)	0120-413 5557
Residence(with STD)	0120-413 5557
Mobile	9910993970
Email address	h i m m a t . r a n a @ m o m e n t u m i n d i a . i
Year of establishment	2015
Year of commencement of energy audit by the firm.	2019
No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	Total Branch office= 4 and corporate office is in Noida 1. Pune Office (HOD- Mr. Sujit Mishra, Mob- 9818099738, E-mail-sujit.mishra@momentumindia.in) <i>Pune office:- 308, EFC Prime Business Center, Sharayu Harmony, Pashan Highway Road, Baner, Pune, Maharashtra- 411045</i> 2. Bangalore office – (HOD- Mr. Jithu Gopinath, mob 9995822441, E-mail jithu.gopinath@momentumindia.in) <i>Cabin 09, Ambika Corner, 3rd Cross Rd, East of NGEF Layout, Kasturi Nagar, Bengaluru, Karnataka 560043</i> 3. Mumbai office – (HOD- Mr. Rupesh,mob-7083656984, E-mail- rupesh.karivadekar@momentumindia.in) <i>902, Simba tower, Vishveshwar Vagar, Goregaon East, Mumbai- 400063</i>

	<p>4. Dubai office – (HOD- Mr. Aahant Singh, Mob- +971 545558774, E mail- aahant.singh@momentumfutures.co)</p>
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Insurance Building, Flat No. 202-201-381, Al Rega, Dubai, United Arab Emirates

Details of Associated Energy Experts and Audits Conducted by firm		
1.	Number of resource persons available	15 (Including Electrical & Thermal Expert)
2.	Number of full-time energy auditors in position, with work experience of all energy auditors associated with the firm	1 (Our Energy Auditor has over 10 years of experience conducting energy audits across a wide range of industries, including steel plants, power plants, commercial buildings, DISCOMs, textiles, and the automobile sector. His expertise spans both process systems and utility operations. He has also been actively involved in various PAT (Perform, Achieve and Trade) projects under the Bureau of Energy Efficiency (BEE), contributing to compliance, reporting, and energy performance improvement.)
3.	No. of part-time energy auditors in position during the current year / previous year associated with the firm.	2 (We have two part-time Energy Auditors who are engaged on a project basis, depending on the type and scope of the assignment. Their involvement is aligned with the specific technical requirements and timeline of each energy audit project.)
4.	Sectors in which the energy audit firm has conducted energy audits since inception and number of audits in each sector	Automobile-3 Building-8 Sugar-4 Textile-2
5.	Energy audit process system (list sectors) - If no energy audit has been carried out of the process system and parameters, please list nil.	Although we have not undertaken a process audit as an organization to date, our full-time Energy Auditor brings extensive hands-on experience, having conducted several process audits in steel plants, textile units, and power plants during his prior engagements.
6.	Energy audit of thermal utility system (list sectors)	Automobile, Sugar and textile
7.	Energy audit of electrical utility system (list sectors)	Building, Automobile, Sugar and Textile
8.	Instruments available	(a) Electrical (list the name of the instruments) 1. 3 Phase Power Analyser 2. Digital Ultrasonic water Flow Meter 3. Digital Clamp Meter 4. Psychrometer Whirling Hygrometer 5. Hygrometer 6. Single phase Clamp Meter
		(b) Thermal (list the name of the instruments) 1. Thermometer 2. Thermal Imager 3 Flue gas analyzer

*Bio data of Certified Energy Auditor			
1	Name of energy auditor		Rahul Kumar
2.	Qualifications.		B.E (Electrical)
3.	Experience. (use additional sheet if required)		Energy Efficiency, Industrial Decarbonization, Carbon footprint, ISO 14064 GHG Lead verifier
4.	Residence (with STD)		NA
5.	Mobile		8987005756
6	Email address	rahul.kumar@momentumindia.in	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil		01.03.2020
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”		2019
9	Examination Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems” (In case of Certified Energy Auditor, please write CEA Registration No.)		EA-30703
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”		17104/20
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.		NO
Remarks(if any)—Nil			

* If more auditors are there, you may add additional sheets



MOMENTUM

Momentum

Energy Audit Approach & Methodology

Comprehensive Safety, Security, Sustainability and Energy Audit

Solutions to:

- Create a Safety Culture with an ethos of 'Prevention'
- Secure Critical Infrastructure
- Generate strategies to mobilize sustainability & purpose led operations
- Ensure Business Continuity



MOMENTUM

**Your Integrated Risk
Management
Partners**

Sector Agnostic



Manufacturing



Events



Education



Corporates



Chemical & Pharma



Hospitality



Private Equity



Films & OTT



200,000+
Personnel
Trained



1100+
Clients
Served



90+
Training
Modules



10,000+
Risk Assessments
Conducted



100+
Contracts
Executed

Our Team



Expertise across industries such as

Maritime Hospitality Aviation Oil & Gas
Events & Entertainment Manufacturing

75+ members operating out of

🌐 Delhi 🌐 Dubai 🌐 Mumbai 🌐 Goa
🌐 Bengaluru 🌐 Hyderabad 🌐 Ahmedabad

High Skillset comprising of Certified Professionals



Members of





We are Sector Agnostic



Our Pillars | Co-founders



Rohan Oberoi
Co – founder & CEO



Himmat Rana
Co - founder & Director

Business Heads



Vimal Vasudevan
AVP - Events & Entertainment



Sanchit Satsangi
AVP - Manufacturing & Corporates



Prarthana Borah
VP - Sustainability

Technical Heads



Saumitro Sen
Chief Advisor - OHS



Jithu Gopinath
GM - OHS



Sujit Mishra
GM - Electrical Safety



Rahul Kumar
Sr. Manager - Energy

Operational Heads



Jyoti Sundriyal
Manager - Finance



Amrita Singh
Head - Learning & Development



Barnali Maitra
Head - Products



Shipra Tripathi
Head - Human Resources

Assessment Categories

Energy Efficiency



- Building Envelope Performance
- HVAC Design Parameters
- HVAC Efficiency & Controls
- Lighting Efficiency
- Energy Metering
- Air Tightness
- Refrigerant Management
- Energy Use Analysis
- Efficiency Analysis
- Equipment Assessment
- Renewable Energy Feasibility
- Identification of Energy Conservation Measures (ECMs)

Renewable Resources



- Renewable Water Heating
- Onsite PV Readiness

Water Efficiency

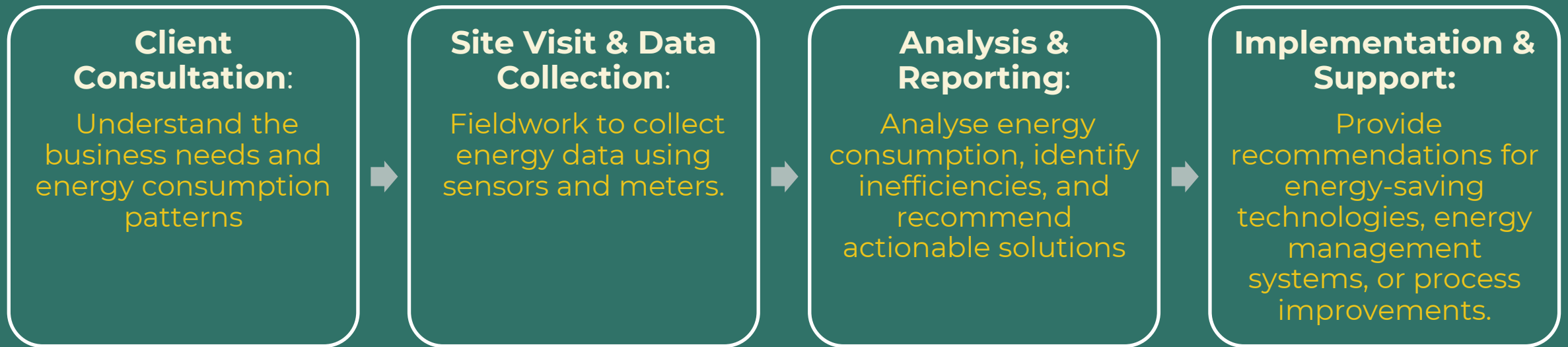


- Efficient Water Fixtures & Fittings
- Efficient Irrigation Systems
- Native or Adaptive Species
- Water Metering
- Indoor / Outdoor Water use reduction
- Cooling tower water use



Methodologies

Energy Audit Process



Thank you

Corporate Office

LG Smartworks WTT, C
Block, Sector 16, Noida,
Uttar Pradesh – 201301

Branch Office

902, Simba Tower, Vishveshwar
Nagar, Goregaon (East), Mumbai,
Maharashtra - 400063

Contact Details

+0120-4135557, 4113998
info@momentumindia.in



CURRICULUM VITAE

Proposed position on team	Sr. Manager (Energy Division)
Name of Firm	Momentum India Private Limited
Name of Staff	Rahul Kumar
Profession / Present Designation	Energy Auditor (Certified Energy Auditor & Manager by BEE under Ministry of power Government of India.)
Date of Birth	10/04/1993
Total experience	10 years
Countries of Work Experience:	India
Language Skills:	English & Hindi
Nationality	Indian
Email/ Contact No	rkrahul493@gmail.com/ 8987005756

Work Responsibility

A. Energy Efficiency & Energy Audit

- ❖ Responsible for going to customer locations and generating comprehensive energy audit.
- ❖ Planning for Energy Audit.
- ❖ Site survey and make the reports for scope of work.
- ❖ Primary Data collection from plant and measurements taken during Field Analysis for Energy Conservation Measures /Solutions and prepare a detailed Report on Observations and Steps to be taken for Energy Conservation.
- ❖ Energy Audit & Conservation and providing Solution for Energy Optimization.
- ❖ Data Collection and performance testing of HVAC (Duct Designing, Installation & Commissioning), Pumping System, Fans& Blowers, Compressors, Cooling Towers, Process Machineries, LT power distribution systems, DG SET, Compressor, Diesel/Gas Generators, Transformers, Capacitors, AC Motors, Lighting, Thermography with the help of tools.
- ❖ Energy Performance analysis in Buildings, (Energy optimization, Star rating of building, specific energy consumption Kwh/1000 Sq.mtr. Performance analysis of HVAC system, Green building etc.)
- ❖ Performance Analysis Calculations of Boiler, Air preheater, Economizers, Steam Turbine, Gas Turbine, HRSG, Heat Exchanger and other thermal Utility.
- ❖ Detail Energy Audit of steel plant (Steel processing unit, Kiln performance analysis, Induction furnace performance analysis and finding energy conservation opportunity in SMS, Ferro, pellet and overall unit of steel plant.)
- ❖ Energy Audit & Conservation in Textile Industries.
- ❖ Costing/Investment requirement, Pay Back Period and Internal Rate of Return Calculation.
- ❖ Dealing with Clients for Technical discussion, preparing proposals, submitting reports, Maintaining healthy relationships with Government Bodies and Clients. Key record of calibration status of all energy measurement/device.

B. Decarbonization (Carbon Foot print& Carbon Credit)

- ❖ Standard: GHG Protocol / ISO 14064 / ISO 14067
- ❖ To identify the GHG emission sources such as Stationary Combustion, Mobile Combustion, Process Combustion, and Fugitive Combustions.
- ❖ To collect the GHG inventory data/documents from the Clients.
- ❖ To study the energy & fuel consumption patterns and resource tariffs
- ❖ To study the use of refrigerants, waste generated, transportation & distribution process
- ❖ To classify Clients GHG emissions in to Direct and Indirect Emissions (Scope-1, 2 and 3).
- ❖ To identify the carbon sinks.
- ❖ To identify the potentials for improvement and reduction of GHG emissions
- ❖ Preparation of Carbon Footprint Report.



Rahul Kumar

C. ESCOs Project

- ❖ Execution of Project in ESCOs Model for various Industries
- ❖ Workshop on Energy Efficiency project on ESCOs Model
- ❖ Data Collection, Measurement, Calculation of energy saving performance, cost benefit analysis, gap calculations.
- ❖ Assistance in replacing the existing system with energy efficient technology for various industries.
- ❖ Investment Grade Energy Audit project
- ❖ Final Discussion with client on recommending energy saving project on ESCOs Model.

Work Experience

Mitcon Consultancy & Engineering Services Limited from Nov-2019 to till Date

Energy Audit of different clients

- ❖ Detailed energy Audit of Sun Pharmaceutical plant
- ❖ Detailed energy Audit of Sun Sangrilas Eros Hotel New Delhi
- ❖ Detailed energy Audit of Glenmark Pharmaceutical plant
- ❖ Mandatory Energy Audit of Tata Power Plant Jamshedpur
- ❖ Conducted detailed energy audit of Kutch lignite thermal Power station KLTPS Gujrat.
- ❖ Mandatory Energy Audit of Thermal Power Plant Panipat.
- ❖ Detail Energy Audit of Simbhoulisugar plant Including Captive Power Generation.
- ❖ Detail Energy Audit of HBL sugar plant Bihar Including Captive Power Generation.
- ❖ Conducted Mandatary Energy Audit in Indian oil corporation Limited (IOCL) Mathura (UP)
- ❖ Conducted Mandatary Energy Audit in Indian oil corporation Limited (IOCL) Haldiya, (West Bengal)
- ❖ Mandatory Energy Audit of Shyam steel manufacturing limited W.B
- ❖ Mandatory Energy Audit of Shyam Metallic Energy Limited Jharsuguda Orissa.
- ❖ Monitoring and Verification Audit of Shyam sel & Power limited W.B under PAT cycle of BEE.
- ❖ Baseline Data Collection & Verification Report of TPDDL, NPCL
- ❖ Conducted Mandatary Energy Audit in IOCL Naphtha Cracker Panipat.
- ❖ Detail Energy Audit of Glenmark Pharmaceuticals Limited H.P
- ❖ Detail Energy Audit of Orient Bell Tiles Limited Sikandrabad U.P
- ❖ Conducted Power Quality Cum Electrical safety audit if Jindal institute of medical & Sciences Hisar.
- ❖ Process and Utility Audit in DCM Textile Hisar Haryana.
- ❖ Energy Audit Under PAT for Jodhpur Railway division (Specific fuel Consumption& GTKM calculation).
- ❖ Jai Shiri Textile Kolkata Process Audit (Aditya Birla Group).
- ❖ Nagar Nigam Pumping Station Energy Audit (UP, Punjab, Rajasthan& Jharkhand, Utrakhand, Faridabad)
- ❖ Conducted Detailed Energy audit Hindustan Aeronautics Limited (HAL) Kanpur
- ❖ DMW Railway workshop Patiala (Punjab).
- ❖ Ordinance factory ichhapur (West Bengal).
- ❖ Central electronics limited Ghaziabad.
- ❖ Supreme court of India
- ❖ Ordinance factory Orissa.
- ❖ Ordinance factory Jabalpur
- ❖ Water treatment plant at Itanagar (Under PHED)

Pranat Engineers Private Limited from July-2015 to October-2019

Conducted M&V Energy Audits for different Clients Under PAT Cycle-II:



Rahul kumar

<ul style="list-style-type: none"> ❖ Indian oil corporation limited Panipat. ❖ NRL refinery Guwahati. ❖ Thermal Power station Panipat ❖ Thermal Power Station Yamuna Nagar. ❖ Thermal Power station Durgapur. ❖ HMEL Refinery Bhatinda. ❖ BPCL Refinery Mumbai. 			
Conducted Energy Audit of Discom project BYPL (DERC)			
Responsibility			
<ul style="list-style-type: none"> ❖ Calculation of Transformation Loss, Grid Loss and Feeder loss after analysis of data. ❖ Preparation of T&D Loss calculation report. ❖ Site Visit and measurement of electrical Parameter for loss calculation of Electrical distribution network. 			
Conducted and Preparation of AT&C Loss report under Power finance corporation (PFC) for Bihar, Jharkhand and Himachal Pradesh.			
Responsibility			
<ul style="list-style-type: none"> ❖ AT&C Loss Calculation. ❖ Site visit and Primary data collection for R-APDRP project. ❖ Designing of single line diagram of Grid, Substation of electrical system. ❖ Preparation of AT&C loss calculation report. ❖ Attend meetings with electricity board engineers. 			
Certification			
Certified Energy Auditor (EA-30703) , Bureau of Energy Efficiency, Under Ministry of Power, Gov. of India.			
Education			
Examination	Year	Institution	Percentage
Bachelors in Electrical & Electronics Engineering	2015	RVPV Bhopal	78 %
Employment Record			
Energy Engineer		Pranat Engineers Pvt Ltd.	June 2015- Dec 2015
Assistant Manager (Energy Audit)		Pranat Engineers Pvt Ltd.	Jan 2016- Dec 2018
Manager (Energy Audit)		Pranat Engineers Pvt Ltd.	Jan 2019- Oct 2019
Chief Consultant		MITCON Consultancy & Engineering Services Ltd.	Nov 2019- Apr 2023
Assistant Vice President		MITCON Consultancy & Engineering Services Ltd.	Apr.2023- Dec, 2024
Sr. Manager (Energy Division)		Momentum India Private Limited	Jan.2025- Till date

Certification

I am willing to work on the Project and I will be available for entire duration of the Project assignment as required. I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications and my experience.

Place: New Delhi
Rahul Kumar

16.01.2025



Rahul Kumar

Divyanshu Srivastava

11/7 Jagdishpuram near tripula chauraha, Rae Bareli

Utter Pradesh, India PIN – 229001

Mobile: +917767974111/ 8840505644

E Mail : dsdivyanshu007@gmail.com

Electrical Engineering Professional

10.5 years of experience in Electrical Operations, Maintenance, Safety, Safety Audit & training, Installations, Commissioning and Trouble Shooting.

CAREER OBJECTIVE

Seeking a challenging position with a reputed Engineering Organization where my technical skills and functional competencies in the Electrical Engineering function can be effectively used to contribute to the success of the organization and can be further enhanced for mutual benefit.

ACADEMIC CREDENTIALS

- Bachelor of Technology (B. Tech) specializing in Electrical Engineering, from Galgotia's college of Engineering & Technology, Gr. Noida Utter Pradesh (UPTU) with 61.4% in 2014.
- 12th from Gopal Saraswati Vidya Mandir Inter Collage, Raebareli (UP Board) with 72.6% in 2009.
- 10th from Gopal Saraswati Vidya Mandir Inter Collage, Raebareli (UP Board) with 74.3% in 2007.

CAREER SUMMARY

Momentum india, Noida:	Jan'2024 to Till now
Assistant Manager – Electrical	
M/s Reliance Industries Ltd., Jamnagar:	April'2023 to Dec' 2023
Assistant Manager – Electrical	
M/s Uflex Pvt. Ltd., Noida:	Jan'2022 to March'2023
Assistant Manager – Electrical	
M/s Jindal Polyfilms Ltd., Nasik:	Nov'2019 to Jan'2022
Senior Engineer – Electrical	
M/s Reliance Industries Ltd., Dahej:	Oct'2018 to Nov'2019
Plant Engineer – Electrical	
M/s Jindal Polyfilms Ltd., Nasik:	Feb'2015 to Oct'2018
Shift Engineer – Electrical	

JOB PROFILE

- Currently designated as Electrical Assistant Manager, responsible for Electrical Safety audits, Training Maintenance, Reliability, Testing, Planning, Installation and Commissioning in **Momentum India**.

PROFESSIONAL SYNOPSIS

- Technically competent & resourceful Electrical Engineering professional with **10.5 years of demonstrated success in the Installation, Commissioning, Trouble Shooting, Maintenance & Operations domains** and with an excellent understanding of business dynamics.



- Have **energy audit** experience with multiple companies.
- Proven expertise in the **Execution, Commissioning & Maintenance of various electrical equipment.**
- Very good understanding of **Electrical safety, Electrical Drawings, Spare Inventory, MIS Reports, TPM activities & Job Planning activities.**
- Proficiency in Major **Shutdown/Turnaround planning & Execution.**
- Expertise in implementing cost-saving measures to achieve substantial reduction in terms of **man hours, spares, and energy consumption.**
- Versatile and multi-skilled with the ability to **manage multiple responsibilities** simultaneously, and achieve defined goals & objectives, an effective communicator with **Strong Analytical, problem-solving & Organizational Skills.**
- An experienced **Self-starter and Team Leader** with keen attention to organizational needs and details.
- Exposure to working in **multicultural & well-diversified work environments.**

MANAGEMENT SKILLS

- ✓ Hands on Electrical Engineering Operations professional.
- ✓ Analytical & Logical Thinking.
- ✓ Solution Oriented Thinking.
- ✓ Time Driven Delivery Ability.
- ✓ Fully focused on achieving Management goals.
- ✓ Excellent Interpersonal Skills.
- ✓ Expertise Team Leading skills.

CORE COMPETENCIES

- | | |
|----------------------------------|---|
| ● Electrical Engineering | ● Erection & Commissioning |
| ● Shutdown/Turnaround Management | ● Preventive Maintenance. |
| ● Trouble Shooting | ● Electrical Drawings |
| ● Cost Optimization | ● Resource Optimization |
| ● MIS Report Making | ● Team Management |
| ● Project Planning & Execution | ● Man Power Handling |
| ● Electrical Safety | ● Day/Weekly/Monthly Planning for Electrical Jobs |
| ● Electrical Operations | ● Power saving initiatives |
| ● SAP PM module & Oracle | ● Electrical Audit, training, and Energy audit |

PROFESSIONAL RESPONSIBILITIES

Energy Audit

- Conducted comprehensive energy audits for commercial, industrial, and residential properties, identifying energy-saving opportunities and optimizing efficiency
- Performed on-site inspections, collected data, and evaluated HVAC systems, lighting, insulation, and other energy-related components.

Projects Experience

- ☞ Erection & Commissioning of: -
 - 132 KV Bay Which Includes Power Transformer (25MVA), SF6 Breaker (Siemens Make), CT & PT (CGL Make), Isolators (G.K Electricals), Lighting Arrestor & Bushings (CGL Make) etc.



- Worked on LFI & Open Access & Power saving projects
 - Harmonic Filter of both HT & LT. (Cospower & Clariant make).
 - Solar HT system connectivity to the grid.
 - PCC & MCCs of Siemens Make.
 - Installation of CLCT for chilled water power saving project.
- ☞ Energy savings projects like LED lamps, Energy efficient motors & VFD installation, etc.,
 - ☞ Motor KW enhancement operating with FLC so as to eliminate failure of equipment's/Productivity increase.
 - ☞ Installation & Commissioning of Emergency lights to improve plant safety.

Maintenance Experience

- ☞ Operation & Maintenance of: -
 - 132/11 & 132/33 KV Switch Yards.
 - Power Transformers (up to 31.5MVA), Distributed Transformers rating (up to 3.5 MVA).
 - 8 MW & 2x 4 MW H.F.O. Diesel Generator Make NIIGATA, Japan.
 - UPS systems.
- ☞ Operation and Testing Transformer & Feeder Protection digital relays like SIEMENS 7SJ61, 7SJ64 & 7UT61.
- ☞ Maintenance & Troubleshooting of VFD (Danfoss, Fuji, Micro master 420/430/440).
- ☞ Understanding Electrical SLDs and schematic layouts.
- ☞ Maintenance of LT Motors up to 400KW & Heaters/Heat tracers of various types. (Cartridge, Band, Strip, IR, Plate & Air Heaters).
- ☞ Maintenance & Testing of Siemens makes VCB and Schneider, Siemens, and L&T make ACBs.
- ☞ Operation, Maintenance & Troubleshooting of HVAC, AHU & AW systems.
- ☞ Preventive maintenance of EOT cranes & Forklifts.
- ☞ Trouble shooting of all types of Electrical equipment.
- ☞ Annual Budget preparation, and PR creation.
- ☞ Daily/Weekly/Monthly reports in compliance with the SAP PM system.
- ☞ Achieving target KPIs.

Shutdown/Turn-around Experience

- ☞ Electrical Job scope preparation for Shutdown period.
- ☞ HT & LT Switch Board revalidation. (Make: Siemens and L&T)
- ☞ RLA (Residual Life Assessment) testing of Power Transformers.
- ☞ Overhauling of LT motors. (up to 400KW)
- ☞ Support services to other departments for temporary power supply provision.
- ☞ Ensuring sufficient manpower allocation for all shutdown-related jobs.
- ☞ 2.5 MVA distribution transformer overhauling on site.
- ☞ Relay testing of Siemens (7SJ64, 7SJ61, etc.) with Omicron kit.

Work with Company goals

- ☞ Maintaining Checklists (Daily/Weekly/Monthly), Breakdown notification & logbook entry in SAP.



- ☛ Making Power reports, Area wise reports, Breakdown reports, Spare inventory, and Budget preparation reports.
- ☛ Applying 5S & TPM techniques' implementation of preventive.
- ☛ Implementation of Kaizen activities to improve equipment efficiency with respect to production quality and manufacturing cost reduction.
- ☛ Responsible for tracking and reducing the cost of maintenance activity.
- ☛ Working on Preventive maintenance tools like Fishbone, why-why analysis.
- ☛ IMS – Integrated management systems (ISO 9001, 14001, and ISO 50001).
- ☛ Exposure on permit to work, specified work permit systems, hazard identification of jobs.

Major Job's handle

- ☛ Based on the Health index, complete oil replacement in the Distribution Transformer to improve reliability. (2.5MVA, 11/0.415 KV & 3,500 ltrs)
- ☛ Troubleshooting & component replacement of OLTC system in Power Transformer. (Make : Easun MR, 132/11KV & 20 MVA power trafo)
- ☛ Life cycle component replacement in UPS systems.
- ☛ Distribution Transformers replacement. (Make: VOLTAMP; 2MVA)
- ☛ Relay replacement in Incomer's & Bus Coupler of PCC & HT Boards.
- ☛ Handled all Electrical Major activities during Shutdown.

PROFESSIONAL ACHIEVEMENTS

- ☛ Achieved zero electrical incidents throughout my career.
- ☛ Received best Kaizen award related to breakdown reduction and improved safety.
- ☛ Trouble Shooting of Power transformer related to its OLTC failure.

TRAININGS / WORKSHOPS

- ❖ Attended Training Program for Power Medicine by St. Johns Association.
- ❖ Attended Bearing fitting Procedures & Techniques.
- ❖ Attended Motor overhauling & Balancing Techniques.
- ❖ Attended Training Program on TPM activities by Wipro team.

IT SKILLS & PROFICIENCY

ERP	:	SAP PM / ORACEL / ETAP (LOAD FLOW & SHORT CIRCUIT)
Operating Systems	:	Windows 8/10/11
Application Packages	:	MS Excel, MS WORD, Powerpoint

PERSONAL DOSSIER

Name	:	Divyanshu Srivastava
Gender	:	Male
Date of Birth	:	11.07.1993
Marital Status	:	Married
Languages known	:	English, Hindi
Permanent Address	:	Raebareli

Declaration:

I hereby declare that the details furnished are appropriate, complete and true to best of my knowledge and conscience.



CURRICULUM- VITAE

Puneet Talwar

Assistant Manager

Add: E094, 9th Floor, Gulshan Belina, Sector 16B, Gr. Noida West, UP, 201309

Contact No: 8168865695

Email: puneettalwar0494@gmail.com

LinkedIn ID: [Puneet Talwar](#)

Objective

To associate with an organization that provides me an opportunity to show my techno-proficient skills, to improve my knowledge with the latest trends, and to be a part of the team that works dynamically towards the growth of the organization.

Education

- **Green World Management Consultants & Training Institute, Chennai Bharat Sevak Samaj**
Advance Diploma in Industrial Safety (2020-2021)
- **PDM College Of Engineering, Bahadurgarh - B. Tech**
Electronics And Communication Engineering (2012-2016)
- **Arya Senior Secondary School, Rohtak – 12th (2012)**
- **Shri Mahavir Jain High School, Jhajjar – 10th (2010)**

Work Experience

➤ **Momentum India Pvt. Ltd, Noida (Sept 2024 – Present)**

Profile: Assistant Manager (Electrical Safety) (Sept 2024 – Present)

Roles and Responsibilities:

- Carry out Fire & Electrical Safety Audits at various Production plants, Education Centers, Boarding School, Stadiums etc.
- Prepare the audit reports for the same as per Indian Standards.
- Thermography Inspection at various locations and prepare the audit report for the same.
- Event safety management.



Puneet

➤ **Wire Consultancy, Noida (Oct 2020 – Aug 2024)**

Profile: Assistant Manager (Engineering & EHS Department) (Nov 2022 – Aug 2024)

Technical Consultant (EHS Department) (Oct 2020 – Oct 2022)

Roles and Responsibilities:

- Carry out Fire & Electrical Safety Audits at various Production plants, Warehouses, Data Centers, Banks, etc.
- Prepare the audit reports for the same as per Indian Standards.
- Energy Audits at various production plants and commercial buildings.
- Assessment of electrical and thermal equipment including data collection, performance calculation and recommendation on basis of the latest market trends.
- Thermography Inspection at various locations and prepare the audit report for the same.
- Assist my seniors in Arc Flash Study, Lightning Protection Study, and various other projects.
- Electrical Audits at Indian Oil ROs and prepare the report.

➤ **Perfect Test House, Rampur (Apr 2019 - Oct 2020)**

Profile: Team Lead

Roles and Responsibilities:

- Acted as Team Lead for IOCL and Amazon Safety Audit team.
- Managed the Project work for IOCL ROs and Amazon safety audits.
- Lead and manage the team to complete the job before deadlines.
- Managed the logistics for the team.
- Provide training to newly joined freshers about electrical safety audits for Indian Oil ROs and Indian Oil CPs.
- Prepare and maintain Audit reports for Indian Oil ROs.
- Carry out Electrical Safety Audit at Amazon Warehouses in Northern and Central India.
- Carry out Electrical Safety Audit for Easy Day retail stores in the Delhi NCR region.
- Thermography Inspection at various locations.
- Prepare and maintain Audit reports as per standards.

➤ **Deepak Electric Works, Bahadurgarh (Mar 2018 - Apr 2019)**

Profile: Electrical Safety Auditor

Roles and Responsibilities:

- Carry out electrical safety audit for Indian Oil RO's in many states across India.
- Conduct Joint Electrical Safety Audit with IOCL officials.
- Prepare and maintain Audit reports.
- Testing of Earth Pit Resistance and continuity
- Identification of wrong Electrical Installation Practices
- General Inspection of Plant/Shop Floor
- Insulation, Lighting and Grounding Protection
- Protection and Metering System
- Checking Illumination Level
- Verify and document evidence of compliance and non-compliance.
- Assist with corrective action requirements resulting from assessments.



➤ ***Imperial Auto Industries Limited, Faridabad (Mar 2017- Apr 2018)***

Profile: Maintenance Engineer

Roles and Responsibilities:

- Maintenance Engineer
- Assign and handle right person for breakdowns.
- Update maintenance records for further audits.

Skills

- Ability to Work Under Pressure
- Quick learner
- Hard Working
- Good speaker and listener
- Decision Making
- Time Management
- Team Leader
- Team Management

Personal Details

Father's Name	: Mr. Kuldeep
Nationality	: Indian
Gender	: Male
Date of Birth	: 04 th October 1994
Language Known	: English, Hindi

Puneet Talwar



Puneet

SUJIT KUMAR MISHRA

Seasoned Facilities Engineering Expert - Specialized in Design, Audits, and Advanced Security Systems Installation

Accomplished & Successful Professional with over 19 years of experience in strong planning and facilitating change in workforce to support engineering initiatives, skilled in managing large teams, overseeing full infrastructure development, and ensuring seamless client interaction and project execution, targeting Strategic Roles to leverage technical proficiency and leadership skills to drive operational excellence and innovation in a dynamic engineering environment.

✉ kusujit@gmail.com

+91 - 9818099738

📍 Gurgaon - 122 008



Profile Summary

- Seasoned professional with 19 years of experience in facilities engineering, specializing in electrical systems, maintenance, and compliance across manufacturing, healthcare, and hospitality sectors.
- General Manager at Momentum India Pvt. Ltd., leading a skilled team of engineers and consultants to deliver exceptional electrical solutions and drive industry excellence.
- Expert in electrical compliance, energy efficiency, and risk assessment, with a proven ability to manage project lifecycles effectively and lead teams to success.
- Pioneered the UV Safe disinfection device in collaboration with IIT Ropar during the COVID-19 pandemic, securing adoption by major clients including HCL and Reliance Industries.
- Demonstrated outstanding leadership by fostering a culture of innovation, collaboration, and continuous improvement within the team.
- Conducted rigorous electrical safety audits and energy assessments, ensuring strict compliance with industry standards and enhancing operational efficiency.
- Implemented advanced monitoring systems, achieving substantial energy savings with a notable reduction in consumption over the past year.
- Deep knowledge of facility management best practices, including vendor relationship management and budgeting, ensuring optimal resource allocation and cost efficiency.

Key Impact Areas

Strategic Planning & Leadership
Project Life Cycle Management
Preventive Maintenance Planning
Internal & External Audit Compliance
Facilities Management
Risk Assessment, Control & HSE Functions
Resource Planning & Management
Budgeting & Cost Containment
Energy Efficiency Strategies
Multi Site Operations Management
Highstake Negotiations
Design Evaluation & Estimation
Infrastructure Development
Stakeholder Engagements
Energy Audit
Electrical Safety Audit

Career Timeline

Feb'06 - May'09: HCL Technologies Ltd. as Supervisor (Maintenance)

May'09 - Oct'11: Central Park-1 as Asst. Manager (Technical)

Oct'11 - Jan'12: Alpha G Corp Management service as Engineer (Services)

Since Dec'16: Momentum India Private Ltd as General Manager- Electrical

Jul'16 - Dec'16: Spaze Developer as Manager- (Facility)

Jan'12 - May'16: HCL Technologies Ltd., as Sr. Engg. - Maintenance Head for Manesar Campus

Academic & Certification Details

B-Tech in Electrical-Engineering, in the year 2006

NEBOSH IGC in Occupational Health and Safety

Certified Auditor for ISO 9001:2008

Certified for ISO 50001:2011





Work Experience

General Manager- Electrical (Pan India) | Momentum India Pvt. Ltd. | Dec'16 – Till Date

Key Result Areas:

- Leading a high-performing team of **20 electrical engineers/consultants** and a **project execution team of 90**, driving successful project delivery and operational excellence.
- Implementing strategy in terms of technology, schedule, target cost, engineering, procurement, subcontracting, construction and pre-commissioning / commissioning and start-up assistance.
- Steering in-depth electrical audits across diverse sectors, including manufacturing, healthcare, hospitality, education, heritage properties, power plants, renewable energy projects (solar parks, wind farms), and major sporting events like IPL, ISL, and PKL, ensuring compliance with CEA, NFPA, NBC, IS, IEC, and OHSAS standards.
- Delivering technical training sessions for clients to enhance their knowledge of electrical systems, safety protocols, and industry best practices.
- Performing advanced thermography and Arc flash studies to identify potential hazards, mitigate risks, and ensure electrical safety and reliability.
- Spearheading electrical upgradation and modernization projects, optimizing system performance, enhancing energy efficiency, and ensuring regulatory compliance.
- Conducting regular energy audits to assess the current energy consumption and identify areas for improvement by analyse the energy data to identify the consumption patterns.
- Primary Data collection from plant and measurements taken during Field Analysis for Energy Conservation Measures /Solutions and prepare a detailed Report on Observations and Steps to be taken for Energy Conservation
- Costing/ investment requirement, payback period and ROI calculation
- Technical discussion with client and report presentation

Key Accomplishments:

- Spearheaded the engineering and development of **UV Safe**, India's premier **UV-C disinfection device** in collaboration with **IIT Ropar** during the COVID-19 pandemic, achieving **CE certification** and positioning it as a market leader in UV disinfection technology.
- Successfully sold UV Safe to prestigious clients, including **HCL, Reliance Industries, Indian Premier League, Dubai Sports City, Sharjah Cricket Stadium, and the Indian Super League**, driving widespread adoption across high-profile organizations and industries.

Manager- (Facility) | Spaze Developer | Jul'16 – Dec'16

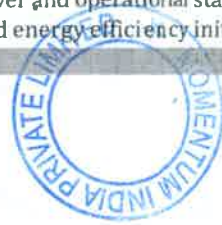
Key Accomplishments:

- Led the facility management team of 110 members, ensuring smooth operations and timely execution of tasks across the building, while coordinating with project teams for successful Handover-Takeover (HOTO) of completed areas.
- Collaborated with project teams and vendors to ensure closure of snags during HOTO, enhancing the overall operational readiness of facilities.
- Defined roles and responsibilities for the maintenance team, and successfully developed and executed preventive maintenance plans for critical equipment such as DG sets, UPS, Transformers, and HVAC systems.
- Developed and implemented Standard Operating Procedures (SOPs), check sheets, and logbooks to standardize processes and improve operational efficiency across the facility.
- Negotiated and initiated contracts for the operation and maintenance of key plant machinery, including air conditioning units, DG sets, transformers, UPS systems, and lifts, ensuring optimal performance and minimal downtime.
- Liaised with government authorities (HSIIDC, DHBVN, HSPCB, Municipal Corporation, Fire Department) to ensure compliance with all legal requirements and timely renewal of NOCs and certifications.
- Oversaw safety and security infrastructure, including CCTV, access control, fire detection, and firefighting systems, ensuring employee safety and adherence to HSE and OHSAS standards.
- Prepared annual budgets, tracked monthly consumption patterns, and analyzed energy trends to forecast requirements and ensure efficient resource utilization across the facility.
- Managed soft services like housekeeping, pest control, and pantry operations to maintain high standards of facility upkeep.

Senior Engineer - Maintenance Head for Manesar Campus | HCL Technologies Ltd. | Jan'12 – May'16

Key Accomplishments:

- Led the successful modification of LT panels, enabling the entire complex to operate on grid supply, resulting in significant diesel cost savings.
- Designed and executed the installation of electrical panels for the pump room and cafeteria, ensuring continuous 24/7 power supply, enhancing operational efficiency.
- Implemented motion sensor technology for automated lighting control, achieving measurable energy savings through reduced consumption.
- Engineered and installed electro-mechanical controls for automatic air cutters, optimizing equipment utilization and further reducing energy consumption.
- Commissioned and modified the chiller plant, improving its performance and operational efficiency by enhancing the original design.
- Successfully renovated a 32,000 sq. ft. training facility, overseeing the design and installation of furniture, UPS systems, and network cabling to meet operational needs.
- Completed PLC programming for seamless changeover between DG and grid supply, ensuring uninterrupted power and operational stability.
- Commissioned a rooftop solar system for hot water generation, contributing to the facility's sustainability and energy efficiency initiatives.



Curriculum Vitae

YATIN CHOPRA

PERMANENT ADDRESS: -

**Sai Vihar Near Sai Mandir, Sai Nivas, Sector
B-1, Soot mill, G.T. Road, Aligarh-202001
Mail ID: yatin.chopra999@gmail.com
Mobile: - +91 9045426817**

Career Objective: -

Dedicated and detail-oriented safety auditor with over 06 years of experience leading project teams to meet health and safety compliance standards by proactively identifying, analyzing, and mitigating potential safety hazards. Expert in training employees and developing effective safety programs with a strong record of effectively managing and implementing initiatives. Outstanding problem-solving and communication skills with the ability to inspect the job site, draft safety regulations, and assess risk.

Total Experience

1. April 2023-Present

Currently Working as **Senior Specialist** in **Momentum India Pvt. Ltd.-Noida Location.**

Job Responsibilities

- ❖ Conducted safety audits and inspections for clients across diverse industries, including manufacturing, construction, healthcare, and oil and gas.
- ❖ Assessed workplace conditions, safety policies, procedures, and practices to identify potential hazards, non-compliance issues, and areas for improvement.
- ❖ Utilized checklists, interviews, and on-site observations to gather relevant data and information during audits.
- ❖ Conducted energy audits for a variety of commercial, industrial and residential buildings.
- ❖ Assessed and evaluated energy use and identified energy conservation opportunities.
- ❖ Prepared detailed reports on energy audit findings, recommendations and projected savings.
- ❖ Installed energy efficiency measures such as occupancy sensors, advanced power strips and LED lighting.
- ❖ Recommended energy efficient measures to reduce energy consumption and associated costs.
- ❖ Monitored energy usage data and conducted energy consumption analysis.
- ❖ Developed and implemented energy management plans and strategies
- ❖ Evaluated the effectiveness of existing safety programs and provided recommendations for enhancing safety culture and compliance.
- ❖ Prepared detailed audit reports, including findings, recommendations, and corrective action plans, and presented them to clients' management teams.
- ❖ Collaborated with clients' personnel to develop and implement corrective actions to address identified safety deficiencies.
- ❖ Conducted follow-up audits to ensure the implementation and effectiveness of corrective actions.



Yatin Chopra

2. August 2022-March 2023

Working as **Deputy-Manager- (Risk Engineer)** in **Shriram General Insurance-Delhi.**

Job Responsibilities

- ❖ Provided risk evaluation services through the identification of the exposures and controls to assist the selection and pricing of new business opportunities.
- ❖ Assisted clients with risk improvement opportunities to recognize, evaluate and control conditions that could lead to accidents, fires or other financial losses.
- ❖ Served as Regional Risk Engineering technical expert in the following disciplines - Product Liability, General Liability, Workers Compensation, Fleet/Transportation.
- ❖ Applied consultative approach to uncover business needs of the client.
- ❖ Provided safety training to address losses.

3. June'2017-July'2022

Working as **Assistant-Manager-Safety Auditor (Risk Engineer)** in **SPARROW RMSPVT. LTD.**

Job Responsibilities

Working as Electrical Engineer, providing consultancy services, and doing audits for various manufacturing industries related to maintenance and safety.

- ❖ Conducting electrical audits for various companies related to maintenance and process industries.
- ❖ Preparation of reports and recommendation after audits.
- ❖ Supervising and leading maintenance upgradation work of the companies.

Electrical Safety Audit as per CEA and relevant NFPA, NBC, IS, IEC, OHSAS standards which includes:

- ❖ Verify the effectiveness of policies and procedures.
- ❖ Providing safety advice and guidance to the site management and supervisors.

Advising statutory requirement regarding EHS

Projects Executed: - Apollo Tyres, Britannia (PAN India), **Reckitt Benckiser (CHINA)**, DB Schenker, GSK, NPCI, Master Card, United Spirits Limited, Thomson Press (Delhi- NCR), Tata Motors, Pernod Ricard, Coca-Cola & Procter & Gamble (PAN India) etc.

Fire Safety Audit and Compliance studies as per NBC and relevant IS, NFPA standards which include:

- ❖ Building design, layout, and space planning.
- ❖ Systematic, critical appraisal of all potential fire hazards involving personnel, premises, services & operation methods
- ❖ Analyze fire protection operations and determine related problems and recommend corrective measures for them.
- ❖ Recognize fire deficiencies and dangers and recommend measures to improve them.
 - ❖ Passive fire protection - space separation and fire and smoke barriers
 - ❖ Active fire protection - fire alarm and fire suppression systems
 - ❖ Smoke control and management.

Thermography Audit as per National Fire Protection Association (NFPA) and International Electrical Testing association (NETA) Standard which includes:

- ❖ Infrared Scanning using Flir Camera (E-60bx, B-40).
- ❖ Projects Executed: - Asian Paints, AVL Cummins, Procter & Gamble (PAN India), Quintiles, SMC Pneumatics, Tata Motors, Thomson Press, Haldiram, Coca-Cola (PAN India) etc.

Indswift Laboratories, Derabassi (Chandigarh)- Hazardous Area classification study & zoning as per IEC 60079 for Vapors & IEC 61241 for Dust.



Yashin Chopra

- Safran Test Cells, (Air India Testing Unit) Nagpur- Hazardous Area Classification Study & Designing of OWS system as per HAC installations as per IEC 60079 part-10 & part 14.
- Honda Cars India Limited (Greater Noida) – Incident Investigation Study 18th November 2017.
- L.G Greater Noida – Transformer Installation Designing as per IS 10028 & NFPA 850.
- Arc Flash Analysis training in sparrow RMS as per NFPA 70, IEEE 1584.
- Earthing Grid Design as per IEEE 80, IS 3043.
- Design of Hazardous Area Classification for Oil, Dust & Vapors as per IS 5572/71, IEC 60079, NFPA 499/497
- Hands on experience on safety studies like JSA, HIRA, HAZOP

Lightning Protection Study as per International Electro technical Commission (IEC) includes: -

- To carry out lightning protection & earthing study to ascertain healthiness of earthing & protection against lightning.
- Physical inspection of the equipment, structures, vessels, electronic installation from lightning Point of view.
- Risk assessment for lightning protection requirement.

Academic Details

- B. Tech in Electrical Engineering [2017] with aggregate of 71.22 from Aligarh Muslim University [AMU].
- Intermediate [2013] with aggregate of 69.4 from Blue Bird Senior Secondary School.
- High School [2011] with aggregate of 87.4 from Krishna International School.

SOFTWARE/INTERPERSONAL SKILLS

- **Level 1 Certification in Thermography by FLIR.**
- **PG Diploma in Health Safety Environment (HSE).**
- Proficient in AutoCAD Tool, PLC, SCADA, Wonderware, MATLAB & FLIR Reporter.
- Proficient in Programming Languages like C and C++ (Object Oriented Programming).
- Good Knowledge of Microsoft Office Applications (Excel, Word & Power Point).
- Well Versed in Window-8, Windows XP, and Windows-7, E-tap, Dialux, Google Sketchup etc.

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned.

(Yatin Chopra)



Yatin Chopra