



## GE India Industrial Pvt. Ltd.

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### To whomsoever it may concern

M/s. SAS Powertech Pvt Ltd, Pune was assigned a detailed Electrical Safety Audit & Electrical Hazard Detection Study by GE India Industrial Manufacturing Pvt Ltd, Chakan Pune during the period June 2020 to Dec 2020. GE Pune is a 22KV – 5 MVA facility and uses only electrical energy in all manufacturing processes.

The electrical system study was conducted to check compliance of GE Global safety guideline involving many international standards including NFPA 70E and the statutory Indian electrical safety requirement CEA 2010.

- ✓ Creating Digital twin of entire plant electrical system using ETAP and carrying out load flow study, short circuit analysis and generate settings for protection relays to ensure protection, coordination and minimize arc flash hazard.
- ✓ Earthing System study & Illumination Audit
- ✓ Primary / secondary injection tests for entire protection system from HT to last mile LT distribution. Checking CT/PT and relay operations.
- ✓ Upgradation / redrawing of entire plant SLDs and verification with as existing electrical switchgear.
- ✓ Recommending latest predictive and preventive electrical safety measures.
- ✓ Preparing BOQ for all recommendations along with budgetary estimates.

The team of SASPPL executed the project in a very planned & systematic way. The audit was conducted with systematic & meticulous approach & has met our expectations. We found the team and team lead quite experienced and equipped with up-to-date knowledge and required resourcefulness.

We sincerely appreciate M/s. SAS Powertech Pvt Ltd for their excellent work at our plant and wish them success in their future endeavors.

With Best Regards

Einstein Pichaiyan  
Head- Facilities, Project & Maintenance  
GE India