

Assessments under the PAT scheme – Monitoring and Verification



Overview

Perform Achieve and Trade (PAT): A flagship initiative under NMEEE is a regulatory intervention for reduction of specific energy consumption, with an associated market based mechanism through which additional energy saving can be quantified and traded as ECScert.

The National Action Plan on Climate Change (NAPCC) outlined eight National Missions, representing multi-pronged, long-term and integrated strategies for achieving key goals in the context of climate change. The National Mission for Enhanced Energy Efficiency (NMEEE) is one of the eight national missions with the objective of promoting innovative policy and regulatory regimes, financing mechanisms, and business models which not only create, but also sustain, markets for energy efficiency in a transparent manner with clear deliverables to be achieved in a time bound manner. It also has inbuilt provisions for monitoring and evaluation so as to ensure transparency, accountability and responsiveness. PAT is one of four initiatives undertaken by the NMEEE.

Benefits:

- Identify energy saving potentials and energy schemes
- Achieve and exceed (as applicable), the energy targets as defined under Notification issued by Ministry of Power, dated 2012-03-30
- Achieve the energy saving goals, which can be verified

- Establish relationship between the energy targets and achievement of energy performance

Assessment Approach:

- Offer finalisation with the client based on the information provided (scope, criteria, etc)
- Defining the assessment planning & approach
- Preliminary Review & verification of the Organizations Energy Consumption Data
- Onsite assessment for detailed assessment of operating practices and energy use patterns
- Submission of the Final PAT initiative Assessment report

Why choose TUV India

- Accredited as PAT Verification Agency by BEE
- Registered with GEDA (Gujarat Energy Development Agency), MEDA (Maharashtra Energy Development Agency), PCRA (Petroleum Conservation Research Association), KEMA (Energy Management Centre – Kerala), NREDCAP for undertaking Energy Audits
- TUV India has a pool of experienced team of Energy auditors, GHG auditors, Energy managers and field Engineers to conduct Detailed Energy Audit/ assessment in all types of industries e.g. Chemical & Petrochemical, Cement, Power, Tyres, Sugar, Paper, Automobile, Textile & Textile Processing, Pesticides, Fertilizer, Paints, Aluminium, Casting Foundry, Steel, Engineering, Ceramic, Synthetic Fibers, Hotel & Commercial Buildings etc.



In addition to the above, our credentials include –

- Wide pool of highly qualified and experienced assessors across India
- Comprehensive and diverse range of value - added services
- Key account management
- One-stop solution for your sustainability requirements

About Us:

TUV India Pvt. Ltd. (TÜV NORD GROUP) is a customer-focused, innovative, and independent, technical, quality & safety services organization, dedicated to providing future-proof solutions through technological excellence for the success of its customers with the highest level of integrity. With a presence at over 40 strategic locations in India; a branch office in Sri Lanka and Bangladesh; state-of-the-art laboratories at Pune, Bengaluru, Noida and Jamnagar; 100 important countries worldwide and through digital means, we are always connected to you, our esteemed customer, anywhere, anytime.

We are proud to provide increasing levels of services to the best known, largest global and national companies as well as medium and small industries in diverse sectors like Oil & Gas, Petrochemical, Nuclear, Renewables, Infrastructure, Food, Power, Manufacturing, Chemicals, Pharma, Paper, Automobiles, Railways, Aerospace, Defence, IT, Health, Hospitality, Retail, etc.

Over 1400 competent and experienced TUV India experts spread across India and over 14000 TÜV NORD experts all over the world, enthusiastically support our clients by providing value-added services in Industry Inspection, European / International Approvals, Management System & IT Certification, Sustainability, Energy Audit, Water Audit, Carbon Services, Building Infrastructure & PMC, Renewable Energy, Food & Packaging Testing, Food Certification & Inspection; Testing of restricted and banned chemicals in Automotive and Electrical & Electronics components and other regulated industries, Product Testing – Electricals, Electronics and Industrial Machinery; Product Certification; Petroleum, Chemicals & Gas Cargo Inspection; Petroleum, Chemicals & Gas Testing; Railway Technology; Engineering, Safety Studies, and knowledge enhancing training programs under TUV India Training Academy.

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