

QUALITY SUSTAINABILITY Awards 2023

Indian Society for Quality is happy to announce that in the global contest of IAQ Quality Sustainability Award 2023, following project from India was selected as one of the winners. 4 teams from India who were Gold Winners at national level participated in the contest.

IoT enabled, digitally integrated air conservation using predictive analytics from CEAT Limited.

Congratulations to the team from CEAT Limited.

The result of global contest is given below.



Quality Sustainability Award
International Academy for Quality



INTERNATIONAL ACADEMY for QUALITY

The winners of the IAQ Quality Sustainability Award 2023 are

- **Qingdao Haier Air Conditioner Ltd. China**
 - Research and Industrial Application of Efficient Cooling and Heating Technology for Air Conditioning Based on Variable Frequency Drive Technology
- **CEAT Ltd India**
 - IoT enabled, digitally integrated air conservation using predictive analytics
- **TECNOFIL S.A. Peru**
 - Reduction of liquid wastes generated in copper transformation process



**APPLICATION PERIOD FOR QSA 2024
WILL RUN FROM 01/04/2024 TO
30/06/2024**

Congratulations to the winners and to all participants. You all contributed to spreading the knowledge of quality and applying it to increase the sustainability of your organizations.

The final session with all presentations and the keynote speech by Mr Mukundan of Tata Chemicals can be seen here

<https://excellencecenter.se/iaq-sustainability-award-2023/>

NATIONAL CONTEST – QSA 2023

Congratulations to the following winners at the national level.

National Winners (Gold) from India who were eligible to contest in global competition.

Sl No	Organisation	Project title
1	Tata Steel Mining Limited, Nayapalli, Bhubaneswar	Digital and Sustainable transformation of transportation in Mines
2	BOSCH Jaipur Ltd, Jaipur	Autonomous working of air compressor bank (no manual intervention in selecting compressor) as per real time demand scenario using deep learning
3	Ashok Leyland Ltd- Pantnagar, Uttrakhand	Steel coil width reduction of 'Frame Side Member' through product parameter optimization
4	CEAT Ltd, Halol, Dist : Panchmahal, Gujarat	IoT enabled, digitally integrated air conservation using predictive analytics
5	ICICI FOUNDATION FOR INCLUSIVE GROWTH , Bandra East, Mumbai	An Environmentally Sustainable Approach of Waste to Wealth



Teams from Ashok Leyland, CEAT and Tata Steel Mining receiving the QSA 2023 National Awards from Mr. Janak Mehta, President-ISQ during Annual Conference 2023 at Jamshedpur on 2nd December 2023.

National Winners Silver category

1	Ashok Leyland Ltd- Pantnagar, Uttrakhand	Reduction in Natural Resources depletion through innovation in Cabin painting process
2	Maithon Power Limited, , Dist: Dhanbad, Jharkhand	IMPROVEMENT OF NET STATION HEAT RATE
3	National Engineering Industries Limited, Jaipur, Rajasthan	Reduce carbon emissions through problem solving tools to prevent CTRB cone honing losses in manufacturing.
4	Tata Power DDL	A Big Sustainability Swing through change in the cable & cable drum design
5	Joda East Iron Mine, Tata Steel Limited, Joda, Odisha	Remote Wireless Operation of moving machineries i.e., Stacker and Reclaimer from Yard Control Room.

Merit Winners

1	Tata Steel Limited, Jharkhand	Surge in recovery and quality
2	PPAP Automotive Ltd, Noida UP	REDUCTION OF ENERGY CONSUMPTION
3	Khonbond Iron Mines, Tata Steel, Orissa	To Minimise the Toppling of HEMMs in Raw Material Division
4	SRF Limited, Manali Industrial Area, Manali, Chennai	Development of high tenacity olive green coloured industrial yarn with zero effluent discharge
5	Tata Motors Ltd. Pimpri, Mumbai Road, Near KSB Chowk, Pune	Best from waste

Indian Society for Quality, in its third year of partnership with International Academy for Quality and Quality in Plant Earth Concerns Think Tank called for applications for Quality Sustainability Award 2023 (QSA 2023) from India. The award recognizes projects that have led to positive results in sustainability in line with the UN Sustainable Development Goals, using quality management principles and methodologies.

For Indian contestants, ISQ held a domestic contest towards the Quality Sustainability Award. Assessment was done using the laid down process by IAQ by the trained assessors at three levels. Top 10 projects selected from two level of assessments went to presentation round. Top 5 projects were declared as National Winners (Gold).The next 5 projects were declared as Winners (Silver).



Presentation Round of National QSA 2023

The National Winners (Gold) were eligible to contest at the international level.

Participation in last three years.

Year	No of applications	No. of organisations	No of national winners	Winners in Global Contest
2021	44	17	6	SRF Limited
2022	49	21	6	Ashok Leyland Limited, SRF Limited

Increase in number of organisations participating in the contest.

Five projects from India were awarded The Global IAQ Quality Sustainability award.

 ASHOK LEYLAND		 SRF		 CEAT
2020	2022	2021	2022	2023
Phosphate Sludge Reduction in Cabin Pre-treatment Line at Ashok Leyland in India	Transformation to Sustainability through Carbon emission reduction in Paint shop by Ashok Leyland, India	The Conversion of non-usable metalized BOPET film waste into raw material by unique de-metallization and recycling process	Build technical capability to produce BOPET films using up to 90% of RPET by SRF Limited, Packaging Films Business, India	IoT enabled, digitally integrated air conservation using predictive analytics