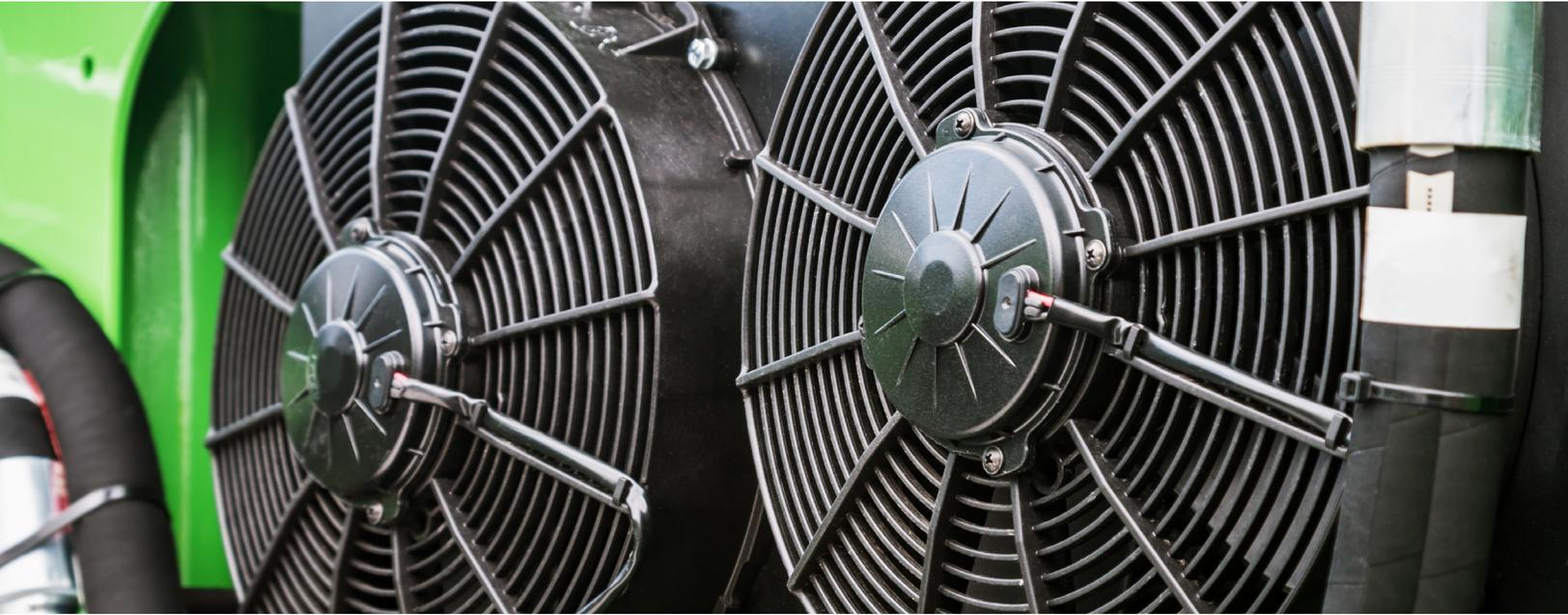


# TitanX Engine Cooling Participates in ISO 14001 Internal Audit Program Enhancement



## TitanX Engine Cooling, Inc.

TitanX Engine Cooling (TitanX) is a global supplier of powertrain cooling solutions for commercial vehicles.

## Challenge

Since the early 2000's, TitanX has been certified to the ISO 14001 standard and has a mature Environmental Management System (EMS) Internal Audit Program at their Jamestown, New York facility. According to the ISO 14001 standard, an organization must conduct internal audits to determine whether the EMS is effectively implemented and maintained and whether it conforms to the requirements of the organization and the ISO standard. Because of their mature program, TitanX wanted to identify opportunities for improvement to make their internal audit program more robust and effective.

## Solution

The New York State Pollution Prevention Institute (NYSP2I) supported INSYTE consulting with reviewing TitanX's current Internal Audit Program and identifying areas that could be enhanced or add new items that consider "interested parties" (e.g. customers, community, suppliers, employees) and global trends. NYSP2I created an internal audit check list, provided auditor training, and observed the trainees conduct an internal audit using the new audit checklist.

## Results

Through the efforts of NYSP2I, several opportunities were identified to make the Internal Audit Program more robust and effective.

- Enhancing environmental objectives and targets from internal audit results could consider:
  - Strategic directives across all departments, along with top management input regarding strategic alignments and costs.

## Challenge

- TitanX wanted to identify opportunities for improvement to make their internal audit program more robust and effective.

## Solution

- NYSP2I supported INSYTE Consulting with reviewing TitanX's Internal Audit Program and identifying areas that could be enhanced.
- NYSP2I created an internal audit check list, provided auditor training, and observed the trainees conduct an internal audit using the new audit checklist.

## Results

- Several opportunities were identified to use internal audits for considering employee input and customer demands and for enhancing environmental objectives & targets.

- Communication of EMS objectives and targets, with progress towards achievement, to all employees. Post results on the operations floor; show comparisons between departments.
- Use of operational and performance data to inform and enhance objectives and targets for reductions in energy, water, waste, material usage, etc.
- Consider interested party concerns, needs, and expectations including:
  - Customer demands for having ISO 14001 and meeting other sustainability requirements in order to do business.
  - Engagement with employees at all levels to retain and attract millennial employees with sustainability expectations.



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