

CONSULTING IN SAFETY CULTURE AND PROCESS SAFETY

Intertek accompanied the process of diagnosis, design and implementation of strategies to strengthen the safety culture and process safety of Grupo Energía Bogotá

Company

Grupo Energía Bogotá - GEB

Industry

Energy

Intertek Solution

Safety culture and process safety process safety.

"Intertek has been a great ally for Grupo Energía Bogotá and its subsidiaries in strengthening the culture of safety and health at work, with a holistic and cutting-edge approach especially with the ability to collaborate and build a solution tailored to the characteristics of our organization; always open to building tailor-made solutions and practices together with the customer by making available the experts required to support these developments. Finally, I want to highlight that Intertek supports organizations to create installed capacity so that they can give continuity and sustainability to the projects developed, without relying on consulting on a permanent basis".
Ivan Puentes Arango - Corporate SST Manager

Grupo Energía Bogotá (GEB), a leader in the energy sector with operations in Colombia, Peru and Guatemala, faced significant challenges in occupational health and safety. Responding to these challenges and aligned with its corporate value of 'Life First', GEB undertook an ambitious plan to transform its occupational health and safety culture, choosing Intertek as a strategic consultant for three consecutive years.



The Challenge

An increase of more than 700% in hours worked and the geographic dispersion for the development of growth projects with high-risk tasks increased operational risk, evidenced by a series of serious accidents between 2017 and early 2018. Against this backdrop, a strategy was defined to consolidate a solid safety culture under the 'VISION ZERO' model, an ISSA (International Social Security Association) campaign.

How Intertek Helped

Intertek conducted a safety culture consultancy using the SOP® Safe Operations and Performance methodology. A team of senior consultants permanently supported the six subsidiaries in Colombia, Peru and Guatemala in the phases of diagnosis, design, implementation, support and knowledge transfer from 2020 to 2023. Applying the best practices of the sector and the experience of Intertek, together with the commitment and work of GEB, short, medium and long term goals were achieved, strengthening the safety culture, essential to support the new growth projects of the organization.

The solution

- 1 Implementation of Assurance Tool: Successful introduction of a new assurance tool in the field, with 2,799 executions, significantly improving operational efficiency.
- 2 Meetings with Contractors: 639 permanent meetings were held with contractors, promoting accountability and continuous learning.
- 3 Safety Culture Diagnosis: Use of the SOP® methodology to assess safety culture. seguridad, elevando la percepción de un 58% en 2020 a un 65% en 2022.
- 4 Application of CCPS Guidelines: Implementation of four key elements of the CCPS for a risk-based process safety management model.
- 5 Stop Work Authority Procedure: Introduction of ADT procedure, resulting in 109 effective stops.
- 6 LTIFR Reduction: Sustained decrease in lost time injury frequency rate from 0.80 in 2019 to 0.60 in 2022.
- 7 Reduction of Fatal Accidents: Zero fatal accidents in the last five years, reflecting the commitment to safety.
- 8 Construction of technical groups: Creation of four technical groups to collaborate in learning and modifying critical risk procedures.



intertek
Total Quality. Assured.

FOR MORE INFORMATION

+57 60 1 5805268

infolatam@intertek.com

intertek.com.co



Intertek is a strategic partner of Grupo Energía Bogotá to strengthen the culture of safety and process safety.

- 9 Consolidation of the SST Management Model: Strengthening of the model based on 'VISION ZERO'.
- 10 Training and Behavioral Intervention: Comprehensive training at all organizational levels, promoting proactive safety practices. 846 behavioral observations reported.
- 11 Implementation of Proactive Practices: Establishment of 7 proactive practices with more than 12,000 executions reported.
- 12 Contractor Training: Training of 1,155 contractors, with on-site support from senior consultants.

- 13 Development of Internal Trainers: Training of 68 internal trainers in safety culture, ensuring continuity and expansion of knowledge.
- 14 Sustainability and Continuous Improvement Plan: Design of a plan for the sustainability and improvement of the safety strategies implemented in the coming years.

The COVID-19 pandemic was one of the main challenges faced throughout most of the project. It was necessary to migrate all the tools to virtual format, including the realization of visits.

FOR MORE INFORMATION

+57 60 1 5805268

infolatam@intertek.com

intertek.com.co