

# CASE STUDY



## Solvent Recovery System

*Solvent Recovery improved by 13% and purity by 4% helped customer to meet international standard for product export*



### Industry

Electronic Chip Manufacturing, Edible Oil Processing, Paintshops



### Client Summary

Our client specializes in the design, engineering, and construction of industrial plants and equipment for biodiesel, renewable diesel, and renewable jet fuel industries. Their comprehensive services include feasibility studies, process design, project management, and equipment procurement and installation.

### System Key Points

- ✓ Turnkey Flash Still: Tailored for efficient solvent recovery.
- ✓ Fabrication & Commissioning: Compliant with international norms.
- ✓ Multilingual SOPs: Developed for diverse user requirements.
- ✓ ATEX Panel: Ensuring safety in explosive environments.

## Challenges

- **Navigating Complex Specifications:** Skillfully managing intricate design and engineering requirements for diverse industrial applications.
- **Adapting to Industry Variability:** Excelling in adapting solutions to fit the unique needs of various industries, from electronic chip manufacturing to paint shops.
- **Ensuring Safety Compliance:** Successfully meeting stringent safety standards across different regulatory environments.

## Project Success Factors

- ✓ **Innovative Problem Solving:** Leveraging creativity and technical expertise to overcome complex challenges.
- ✓ **Strong Client Relationships:** Building lasting partnerships through exceptional service and understanding of client needs.
- ✓ **Commitment to Quality:** Upholding the highest standards in design, engineering, and project execution.

## Customer Feedback

- The solvent recovery system has significantly enhanced our operational efficiency. We're impressed with the level of expertise and customization provided by the team.
- Instron Technologies' solution not only met our environmental compliance needs but also reduced our operational costs, a win-win for our business.

## About Instron Technologies

With operations in India and Canada, Instron Technologies is a leader in Process Skid Plants, Digital Factory Solutions, and Test Bench Systems. Committed to sustainability, our dynamic team develops innovative solutions that not only meet critical customer challenges but also emphasize eco-friendly practices. Serving over 150 clients in more than 10 countries, we demonstrate our dedication to innovation, operational efficiency, and environmental responsibility.

## Contact Us for More Details

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