



Titap

Projects by

LSS-140-ST

High Temperature Slurry Sampling Station

Advanced LSS-140-ST Features

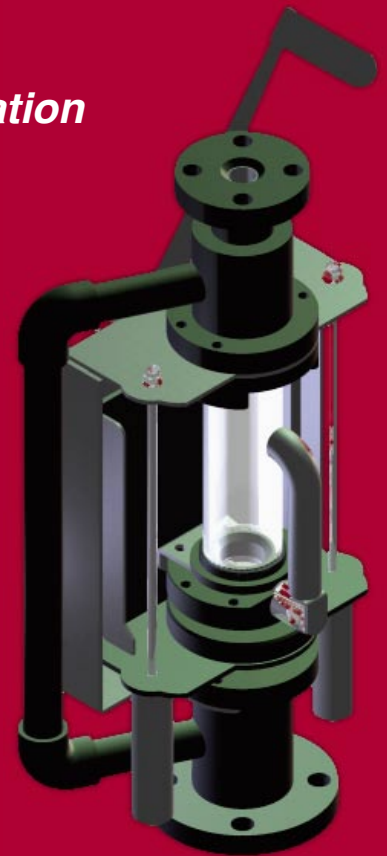
- Unique engineered design*
- Stainless Steel Frame*
- Reinforced Tefl on Cylinder*
- Intuitive Customized Options*

Works to Eliminate

- Thermal Shock Damage*
- Sampling Accidents*
- Hot Slurry Contact with Operator*

Safely Supports

- High Velocity Sample Acquisition*
- Hazardous Slurry Handling*
- Sample Transportation*
- A Safe and Clean Plant*



Productive Plants Safely Sample

In hazardous industries, nothing is more important than operator safety. Safely Sampling makes operator safety its highest priority by eliminating personnel contact with high temperature slurry during routine sampling operations. With the installation of Safely Sampling LSS-140-ST, chemical splashing during sampling operations is eliminated. Onsite and offsite accidents are reduced through safe sample acquisition and transport. By creating a safe sampling environment for workers, the LSS-140-ST helps to minimize plant downtime. With proper use and maintenance of the LSS-140-ST, plant liabilities and high temperature slurry hazards are significantly reduced.

30 years of safely sampling hazardous chemicals

Plant Safety Starts with Safe Samples

Safe Sampling's™ custom designed LSS-140-ST seamlessly adapts to every industry's sample area. Installation of the LSS-140-ST is easy. The unit has two flanged connections for integration with the sample piping, and a backmounted bracket to allow for easy installation on a column stand or existing column steel. To operate the LSS-140-ST, the top feed valve and bottom



discharge valve are opened to allow sample product to flow through the sample station. Once a representative product flow is established, the bottom discharge valve is closed to allow the sample cylinder to fill to a desired height, then the top feed valve is closed. To remove a sample for analysis, the frame of the sample station is extended, and the sample cylinder is removed. During sample removal, the product is completely isolated from physical contact with the sample operator. If sample removal is not required, and the unit is used for visual observation only, then the bottom discharge valve can be opened, and the sample can be drained from the sample cylinder into an outlet drain. The outlet drain is routed to either a trench or waste collection tank. Water lines can be easily integrated into the sample station to allow for a thorough washing and cleaning of the LSS-140-ST after use.



Intuitive Customized Sample Stations

Background: *Safely Sampling has 30 years of safe sampling history. We have taken samples for a wide variety of industrial services, including the hazardous chemical and hazardous waste industries. We have experience in taking liquid and slurry samples under high pressure, high vacuum, and high temperature, as well as in high corrosion environments. We understand the dangers associated with sampling hazardous liquids. We recognize the potential effects these dangers can have upon sample operators, and to the surrounding plant community. It is for this reason Safely Sampling™ offers a dedication to the development of products designed with operator safety in mind. Safely Sampling is located just outside of Chicago, IL (USA), with a European agent located in Sneek, Netherlands which serves as the dedicated manufacturer and supplier of the LSS-140-ST.*

Our Devotion: *Safely Sampling is dedicated to providing a sampling station built to the highest standards of engineering design, fabricated with the highest quality engineering materials appropriate for every sampling application. Our products are designed to withstand corrosion, thermal shock, UV rays, and premature aging. Our commitment to product excellence is unwavering. Safely Sampling is committed to fabricating and providing a safe, secure product that will ensure the satisfaction and safety of each customer which uses our products.*