



System Application



SMITH & LOVELESS INC.

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Experience a Big Factor for Selection of DI-SEP® SX Filters



Application Profile:	Zaldivar Mine
S&L Equipment:	(8) DI-SEP® SX Filters
Installed:	1994

The Canadian firm Placer Dome Technical Services Limited recently installed a large **DI-SEP® SX Filter System** from Smith & Loveless' Industrial Products & Systems Division for use at a Chilean copper mine. Headquartered in Vancouver, British Columbia, Placer Dome specified a system composed of eight 14'-6" diameter SX Filters. The system will be used for electrolyte filtration in SX-EW operations at the Zaldivar mine site in northern Chile.

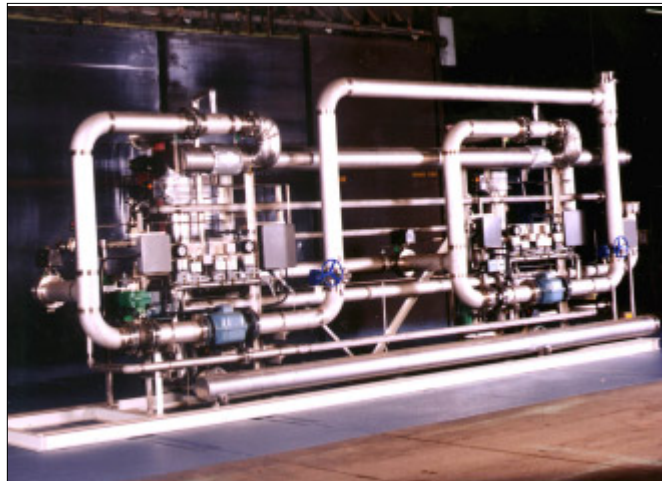
DI-SEP® beat four competitors to win this contract. Harry Martin, Project Manager, said **DI-SEP®** won the job because of two major advantages.

"Their decision to go with the **DI-SEP®** Filter was a combination of the better price and, technically, having the best system offering," he said.

Experience was another reason the Industrial Products & Systems Division of Smith & Loveless was chosen. Smith & Loveless has installed more **DI-SEP®** electrolyte filters than anyone in the field, and has successfully provided large-scale systems such as the one specified by Placer Dome.

The purchase is a significant one because the system is designed to have a flow rate of 6,336 GPM. Last year, only one contract of this size was offered, but the contract was later withdrawn.

The system's size also makes delivery a greater task than normal. The 316L stainless steel piping and valve assemblies will be produced at the Lenexa facility. To facilitate delivery, filter tanks will be produced elsewhere. Once the equipment is ready for transport, it will be shipped to Houston where it will then be reloaded on an oceangoing liner, and shipped to the South American Country.



*The Andes Mountains surround the seven S&L **DI-SEP® SX Electrolyte Filters** at the Cerro Verde, Peru Copper Mine (top). This bottom step helps further remove the impurities and allows for the production of 99.99% pure copper plate.*

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