



CASE STUDY

SILMETA SYSTEMS MODULAR RUN-OUT PIT

APPLICATION:

- Customer experienced a leak in their auto pour receiver spout. To prevent significant furnace damage, they opted to empty the furnace into a designated pit. Silmeta's Modules fully contained the melt preventing extensive damage to the furnace and pit foundation.

EQUIPMENT

- Two Silmeta Modules installed in the pit
- 1–3 mm quartz sand used for installation, aligning with Silmeta's specifications.

PRODUCTS

- Silmeta Systems Modular Run-Out Pit

INSTALLATION

- Two Silmeta modules installed in the collection pit
- Two pallets of quartz sand

RESULTS

- Customer reported that removing the old modules and cleaning the pit took only 2 days, a significant improvement over the 10 days previously required when using 55-gallon drums to dump the melt.
- Customer highly satisfied with the modules performance and has ordered two additional modules for backup.
- Customer plans to install Silmeta Systems in 11 additional pits at another facility.



Modules set in place



Installed Modules



Module showing full containment

Allied Mineral Products, LLC. supplies an entire line of monolithic refractories for the metals industry. For more information or a complete evaluation of your refractory requirements, please contact your local Allied representative.



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PRODUCTS

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