



# CASE STUDY

## Geodesic Dome – Dry Lime Storage Facility

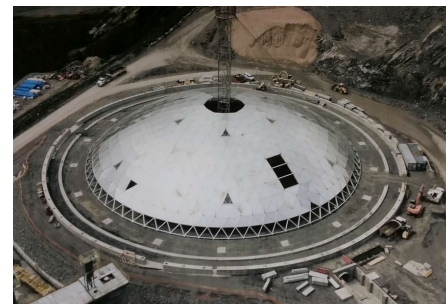


- ▼ **LOCATION:** Exshaw, Alberta
- ▼ **PROJECT TYPE:** Supply and installation
- ▼ **PRODUCT USED:** One aluminum geodesic dome



- ▼ **PROBLEM:**  
Provide and install a geodesic dome for Lafarge Holcim

- ▼ **THE TITAN SOLUTION:**  
This project involved erecting an impressive aluminum geodesic dome as part of a dry Lime storage facility. Measuring 46 meters (150 ft) high and spanning 111 meters (364 ft), about the length of a football field, this dome is considered one of the largest in Canada. Resting on a concrete footing it provides weather proof storage for dry lime used in cement manufacturing. Titan was re-sponsible to build the entire dome which included assembling and utilizing an impressive 91 meter (300 ft) centrally located tower to facilitate lifting and construction in sections.



- ▼ **ACHIEVEMENT:**  
We were selected for a variety of reasons including our proven resume with construction of geodesic aluminum domes, as well as our ability to provide a well-staffed working crew to meet the project requirements and comply with high safety and QAQC standards.



Contact us for more information:

### TITAN ENVIRONMENTAL CONTAINMENT

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