

Concrete Storage Silo Grundartangi, Iceland

Construction of an alumina storage silo that is 44 m across and 52 m high. The walls are 43 cm thick post tensioned concrete and are cast continuously using slip forms. Estimated amount of concrete for the walls is 3.500 m³. The roof of the silo is a steel construction. The new silo is the fourth silo that ÍSTAK casts using slip forms but ÍSTAK also constructed the present silo at Grundartangi. The silo is one of the largest structures that has been cast in one round in Iceland. The silo has a storage capacity of 70.000 tons.

Client:
Nordic Aluminium
Period:
Apr 2005 – Oct 2005

Engineers:
HRV/Línuhönnun Structural
HRV Electric
HRV Pipes

ÍSTAK's services:
Construction contract



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