



Strong Hold™

Engineering Assessment Form Concrete Silo



Building
Stronger
Bonds™

Owner Information		Certified Installer Information	
Point of Contact		Point of Contact	
Mobile Phone		Mobile Phone	
Email		Email	
Company Name		Company Name	
Street Address		Street Address	
City, State, Zip Code		City, State, Zip Code	
Country		Country	

Project Information			
Project Name		Calculation Package	
Structure Identification		Response Time	
Estimated Start Date		Repair Window	

Dimensional Data			
Nominal Length or Diameter if Round (feet)		Quantity of Silos	
Nominal Width (feet)		Stand-Alone or Conjoined?	
Nominal Height (feet)		Horizontal Reinforcement (inches)	Size
Concrete Compressive Strength (psi)			Spacing
Strength of Steel Reinforcement (psi)			% Corrosion
Concrete Cover over Reinforcement (inches)		Vertical Reinforcement (inches)	Size
Contents	Specific Gravity		Spacing
Visible Bowing (inches)			% Corrosion

Design Information			
Current Dead Load (psf)		Current Live Load (psf)	
Increased Dead Load (psf)		Increased Live Load (psf)	
% Corrosion to Restore Horiz. Reinforcement		% Corrosion to Restore Vert. Reinforcement	
Other Loading Requirements			
List Chemical Exposure with % Concentration			
Design Temperature (F)	Max (F)	Minimum (F)	

Installation & Environmental Conditions			
Interior or Exterior Installation		Ambient Temp During Install (F)	
Age of Concrete (Years)		Surface Temp During Install (F)	
Shutdown for Install (Y/N)		List Obstructions	
Surface Prep Restrictions (Y/N)		Describe Surface Prep Restrictions	
Intrinsically Safe Environment (Y/N)		Is Scaffold Needed (Y/N)	

Notes

If you have questions or would like assistance filling out the form then please call HJ3 technical support at +1 (520) 322-0010, or email engineering@hj3.com.