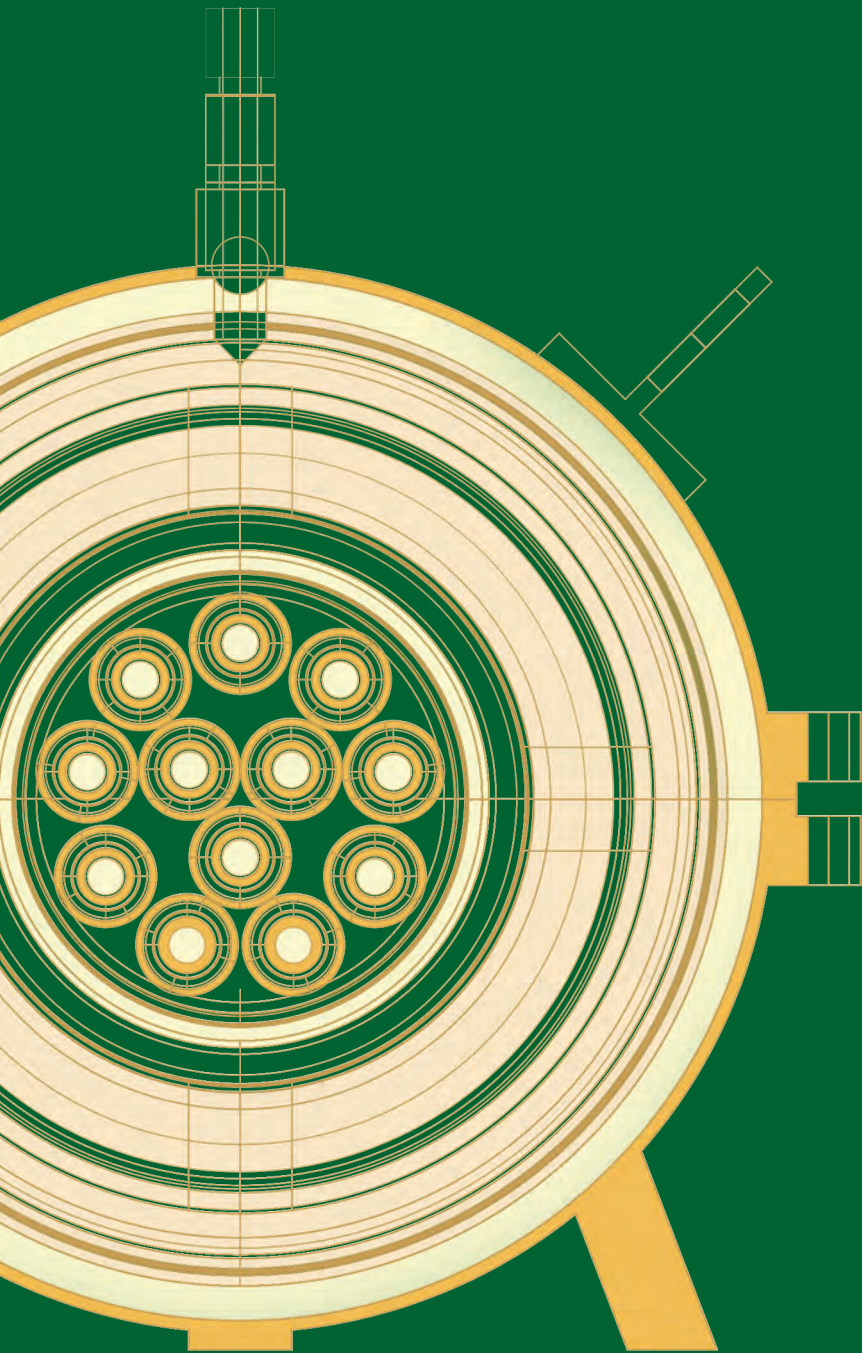


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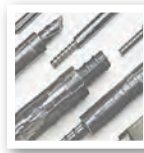
Art & Engineering
in Bridges





Structural Design

Prestressed Concrete, Concrete-Steel Composites Bridges. Buildings, Silos & Tanks. Value and Construction Engineering.



Rebar Splicing

With cold-swaged Couplers, #4 to #18 rebar sizes.

DEL



Post-tensioning

Multistrand with tendon capacities up to 10 000 KN. Monostrand, Bar, flat Multistrand.

DEL



Ground Anchors

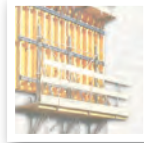
Bar & Strand. Temporary & Permanent. Self-drilling & traditional.

DEL



Stay & Suspension Cables **DEL** for Bridges, Domes & Roofs

With bare, galvanized, polyester and epoxy coated Strand.



Climbing Forms

Manual & Automatic.

doka



Incrementally Launched Bridges

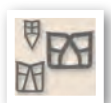
Engineering & Systems.

DEL



Preformed Seals

For concrete Slabs.



Form Travelers

For Balanced Cantilever Bridges.

DEL



Expansion Joints

Modular, Transflex, & Asphaltic.



Advancing Shoring

For Bridge in-situ Construction.

DEL



Bridge Bearings

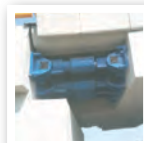
Pot, Spherical & Elastomeric Pads.



Beam & Segments Launchers

Hydraulic-Electrically operated.

DEL



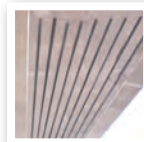
Seismic Protection Devices

Shock Transmission Units. Dampers for Bridges & Stays.



Precast-Prestressed Beams

DEL



Carbon Fibers

Engineering & Installation.

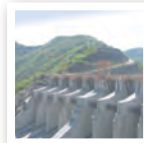
FYFE



Jacking Systems

Lifting, Lowering, Shifting, Pile driving, Pipe Jacking.

DEL



Structure repair & upgrade

With listed Techniques.



Moveable Bridges

Engineering & Systems.


















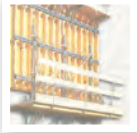



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Av Nativitas 429 • 16090 Xochimilco, D.F. • México
Tel: +(52)(55) 5334 0330 • Fax +(52)(55) 5334 0331
E-mail mexpresa@mexpresa.com
www.mexpresa.com



Curriculum Index

1. Introduction	7		
2. General Information	8		
 3. Structural Design	9	 14. Beam Launchers	43
 4. Multistrand Post-tensioning	15	 15. Precast-Prestressed Beams	47
 5. Slab Post-tensioning	21	 16. Moveable Bridges	50
 6. Stay & Suspension Cables	24	 17. Bridge Joints	51
 7. Ground Anchors	26	 18. Rebar Splicing	58
 8. Incrementally Launched Bridges	29	 19. Structure Repair & Upgrade	64
 9. Advancing Shoring	31	 20. Storage Tanks	68
 10. Jacking Systems	32	 21. Contractor	70
 11. Form Travelers	35	22. Memberships	71
 12. Climbing Forms	37	23. Recognitions	71
 13. Bridge Bearings	40	24. Company Registers	72

7. Ground Anchors

Project	Constructor/Owner	Location	Year
Falcón Dam	MII Mavi, S.A. de C.V.ç	Mexico City	2015
Building #7 , Auditoría Superior de la Federación	Promotora y Desarrolladora Mexicana, S.A. de C.V.	Mexico City	2014
Acambay Interchange	Desarrolladora de Infraestructuras Hispanoamericana, S.A. de C.V.	Atlacomulco-Palmillas Hway	2014
El Palomas & El Tule Bridge	EPCCOR Construcciones, S.A. de C.V.	Zihuatanejo	2014
Verde & Paso de Piedra Bridges	Construcciones Aldesem, S.A. de C.V.	Durango-Mazatlán Highway	2013
Subway line 7 (Mixcoac)	Ingenieros Civiles Asociados, S.A. de C.V.	Mexico City	2011
Tunnel at the Río Coatzacoalcos.	Geovoladurs, S.A. de C.V.	Coatzacoalcos, Veracruz	2011
Nacataz Wall	DCN y Asociados, S. de RI de C.V.	Guadalajara, Jalisco	2010
Pueblo Nuevo Bridges	Construcciones Aldesem, S.A. de C.V.	Durango-Mazatlán Hway	2010
Subway, line 7, Mixcoac Station	Ingenieros Civiles Asociados, S.A. C.V.	Mexico City	2010
Ground anchors for a wall in Tonalá	Ingenieria Y Obras, S.A. De C.V.	Paseos de Santiago, Tonalá	2008
Anchors for Railways	Daniel Castro Nuño	Monterrey, Nuevo León.	2007
Monterrey Subway extension, Líne 2 Earth- slope Stabilization.	Constructora Maiz Mier, S.A. de C.V.	Monterrey, Nuevo León.	2006
LNG Altamira Station	ICA Fluor Daniel, S. de R.L. de C.V.	Altamira, Tamaulipas.	2005
Anchors at the José Vasconcelos Library	Comité Administrador del Programa Federal de Construcción de Escuelas (CAPFCE).	Mexico City	2005
San Sebastian Bridge.	Desarrollo Integral de Ingeniería, S.A. de C.V.	Km 24+500 Camino las Palmas-Mascota, Jalisco.	2004
Retain wall. Supply and Installation of ground anchors.	Proyectos Construcciones y Desarrollos Ecológicos S.A. de C.V.	Córdova, Veracruz.	2003
Fiesta Inn Hotel.	Mecasol, S.A. de C.V.	Mexico City	2003
Anáhuac University in Mexico City.	Universidad Anáhuac.	Huixquilucan, Edo. de Méx.	2002
Via Magna No. 27.	Mecasol S.A. de C.V.	Huixquilucan , Edo. de Méx.	2002



"San Sebastián" Bridge, Jalisco, México



San Angel Residence, Monterrey, N.L.

7. Ground Anchors

Project	Constructor/Owner	Location	Year
“José Cuervo” Supply of ground anchors.	Mecasol S.A. de C.V.	Mexico City	2002
San Cristóbal Bridge. Supply of ground anchors.	Constructora de Trabajos Especializados del norte en Geotécnia.	San Cristóbal de las Casas, Chiapas,	2001
International Business & training Center.	Promotora y Desarrolladora Mexicana, S.A. de .CV.	Mexico City.	2001
AUCHAN Supermarket. Supply and Installation of ground anchors.	Promotora y Desarrolladora Mexicana S.A. de C.V.	Edo. de México.	2001
“Centro Magno” Guadalajara.	Ingenieros Civiles Asociados.	Guadalajara, Jalisco.	1998
Cerro “La Corona” Earth- slope Stabilization.	Constructora Maiz Mier S.A. de C.V.	Monterrey, Nuevo León.	1997
Price Costco Earth- slope Stabilization.	Price Club, Costco	Monterrey, Nuevo León.	1997
Las Nubes Project Earth- slope Stabilization.	COPRECA	Guatemala, C.A.	1996
Cananea Surface mine. Micropile installation & Installation of ground anchors for earth-slope stabilization.	Constructora Kepler S.A. de C.V.	Cananea , Sonora.	1997
Industrial Plant ISPAT Mexicana. Micropile installation.	Constructora Kepler S.A. de C.V.	Lázaro Cárdenas, Michoacán	1996
Santa Engracia Hosptial. Supply and Installation of ground anchors.	Plate.	Monterrey, Nuevo León.	2001
Bosques Corporate building. North building “Section A”.	CAABSA Grupo DESK (Propietario final).	Mexico City	1996
Tehuacán - Puebla road. Earth- slope Stabilization.	Ingenieros Civiles Asociados.	Tehuacán, Puebla.	1995
Reinforcement of the water river at Valle de Bravo.	Comisión Nacional del Agua.	Edo. de México.	1995
Torre Confía Tower. Earth- slope Stabilization for the underground parking lot.	Constructora Maiz Mier S.A. de C.V.	Monterrey, Nuevo León.	



Las Nubes Project , Guatemala



Retain wall at Córdova, Veracruz.

7. Ground Anchors

Project	Constructor/Owner	Location	Year
Perinorte Mall. Foundation.	Constructora e Inmobiliaria Perinorte, S.A. de C.V.	Edo. de México	
Esmeralda Tower. Foundation.	Contratistas Unidos Mexicanos S.A. de C.V.	Edo. de México	1993
Montes Urales Building. Foundation.	DISESA.	Mexico City	1993
Parque Reforma Building. Foundation.	ECONURBE S.A. de C.V.	Mexico City.	1992
General Motors Plant. Ground anchors for rocks.	Construcciones y Estructuras Rono S.A de C.V.	Saltillo, Coahuila.	1991
El Ejido Bridge. Ground anchors for the abutment pier.	OPSA D.G.C.F.	México - Acapulco Hway	1990
Veramar HotelEarth- slope Stabilization.	FENOVESA.	Huatulco, Oaxaca.	1987
Earth- slope Stabilization in Acapulco, Guerrero.	Desarrollo Monarca.	Acapulco, Guerrero.	
Ahuehuetes Street. Earth- slope Stabilization.	Desarrollo Monarca.	Mexico City	



Esmeralda Tower , Edo. De México



Pensil Viaduct tunnel , México-Veracruz railway.



Tehuacán-Puebla Highway

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Av Nativitas 429 • 16090 Xochimilco, D.F. • México
Tel: +(52)(55) 5334 0330 • Fax +(52)(55) 5334 0331
E-mail mexpresa@mexpresa.com
www.mexpresa.com