

LIST OF APPROVED COMPONENTS AND SYSTEMS

Issue Date: November 15, 2021

Title 10 Texas Administrative Code Chapter 80 (10 TAC 80), Section 80.26(j) states, “All department letters issued prior to the effective date of this section remain valid for a period of ten (10) years following the effective date of this section.”

The Manufactured Housing Division Board may withdraw approval at an earlier date if any conditions listed in 10 TAC 80.26(g) and 10 TAC 80.26(h) exist.

When installing the component or system the Installer must reference the detailed and specific installation instructions that accompany the component or system.

This list is available on the web at <http://www.tdhca.state.tx.us/mh/docs/applist.pdf>.

CODE FOR TYPE OF COMPONENT OR SYSTEM

A = anchor

AP = anchor plate for stability

ASYS = alternative stabilizing system

D = anchoring device

F = footing

P = pier

CODE	DEVICE MODEL ID	DESCRIPTION	PRODUCER NAME
A	Part Number 59091 Deep Set (Expires 01/29/2031)	Vertically installed anchor with built-in stabilizer for tie working load of 3150 pounds at 45 degrees in soil with 525 in.-lb. or more torque value at 12 inches and 30 inches below the surface.	Tie Down Engineering
A	Part Number 59110 Model MRA (expires 02/04/2031)	30" Cross Drive Rock Anchor	Tie Down Engineering
A	Part Number 59086 Model MI483/4 Expires 3/31/2031)	Steel (painted black) 48" Double Head Anchor	Tie Down Engineering
A	Part Number 59664 Expires 04/30/2030	30" Stabilizing Cap Anchor	Tie Down Engineering
A	Part Number 59665 Expires 04/30/2030	36" Stabilizing Cap Anchor	Tie Down Engineering
A	HP3 expires (6/12/2029)	Anchor used with HP30 plate in 550 in-lbs or more	Home Pride
A	HP10 expires (6/12/2029)	(Cross Drive) -Rock Anchor	Home Pride
A	HP12LS expires (6/14/2022)	Tension Head w/Lag Bolt & Shield for concrete use	Home Pride
A	HP 13 expires (6/12/2029)	(Patio L Anchor) – use in min. 2500psi conc.	Home Pride
A	HP 14 expires (6/12/2029)	(Swivel Head J Anchor) – use in min 2500psi conc.	Home Pride
A	MMA 14 (210 PDH) (Expires 4/23/2023)	Concrete Anchor	Minute Man
A	MMA 18 (THDHLS) (Expires 4/27/2023)	Concrete Anchor	Minute Man
A	MMA-35 expires (2/15/2028)	Rigid Head Cross Drive Anchor	Minute Man
A	MMA-35S expires (2/15/2028)	Swivel Head Cross Drive Anchor	Minute Man
A	MMA-6 (4430-DH-S) (Expires 2/7/2028)	Anchor in 300 to 400 in. lb.	Minute Man
A	MMA-92 (Expires 2/15/2028)	Auger Anchor with built-in stabilizer cap for 350 in.-lbs. and 24 blow count (or more soil)	Minute Man
A	MMA-93 (Expires 2/15/2028)	Auger Anchor 36 inch double helix	Minute Man
A	OT 3044 BP (Exp. 3/15/2023)	30 inch long two helix Anchor in 350 in.-lb.	Oliver Technologies
A	OT 486BP (Exp. 01/29/2031)	3/4" x 48 inch long single helix Anchor in class 4A soil	Oliver Technologies
A	OT 36CDP (Expires 3/15/2023)	Cross Drive Anchor with 30 inch long rods (or longer) inserted in holes drilled into solid rock. Effective June 6, 2013, the previously approved 24 inch long rods shall not be delivered to installers in Texas	Oliver Technologies
A	Part Number 59090 Model MI22 (expires 3/23/2031)	Steel (painted black) 30 inch 5/8" anchor head	Tie-Down Engineering
A	Part Number 59078 Model MI22 (expires 3/23/2031)	Galvanized 30 inch, 5/8 Head earth anchor	Tie-Down Engineering
A	Part Number 59095 (expires 02/04/2031)	MI22 - 30 3/4 2-4" double head Anchor in 42 to 47 blow count, 550 in.-lb. or more	Tie-Down Engineering
A	Part Number 59079 Model MI223/4 (expires 3/31/2031)	Galvanized 30 inch, 3/4 Head earth anchor	Tie-Down Engineering
A	Part Number 59085 Model MI2H3/4 (expires 3/31/2031)	Steel (painted black) ground anchor	Tie-Down Engineering

CODE	DEVICE MODEL ID	DESCRIPTION	PRODUCER NAME
A	Part Number 59121 Model MiJ2 (Expires 6/4/2031)	Galvanized Concrete Anchor with fixed double head ("J" shaped rod)	Tie Down Engineering
A	Part Number 59120 Model MiJ2 (Expires 6/4/2031)	Steel Concrete Anchor with fixed double head ("J shaped rod)	Tie Down Engineering
A	Part Number 59125 Model MiCS2 (Expires 6/4/2031)	Galvanized Double Head Expansion Concrete Anchor	Tie Down Engineering
AP	59292 (expires 02/12/2031)	Stabilizer Plate for MI 22-C-2 and 30 DHC-2	Tie Down Engineering
AP	HP32 (Expires 6/14/2022)	Stabilizer Plate for 350 in.-lbs. at plate depth for HP3 Anchor and 175 in.-lbs. at plate depth for HP17 Anchor	Home Pride
AP	HP 34 (Expires 6/14/2022)	Zip Cap stabilizer plate which is a 6.75 inch diameter metal disk with slot for shaft of soil auger anchor	Home Pride
AP	OT CAP 1 (Expires 3/15/2023)	Stabilizer Cap for 350 in.-lb. soil at cap depth	Oliver Technologies
AP	OTMSP2P (Expires 3/15/2023)	Stabilizer Plate for 276 in.-lb. soil at plate depth	Oliver Technologies
ASYS	Listing # 1055-18 Adjustable Outrigger (Expires 01/14/2031)	Supplemental brace for a floor joist. 1.0 inch outside diameter x 12 gauge steel pipe with a bracket on one end and a threaded rod on the other end.	Oliver Technologies, Inc. a Division of Manufactured Housing Foundations Systems
ASYS	XI2 Steel Pier System for Wind Zone 1 and wind zone 2 (Expires 12/20/2027)	XI2 "Steel Pier System" is a manufactured home stabilization system that resists both overturning and sliding forces. NOTE: IF HOME IS BEING INSTALLED TO THE MANUFACTURER INSTALLATION INSTRUCTIONS THIS SYSTEM MUST BE APPROVED BY THE MANUFACTURED HOME MANUFACTURER PRIOR TO USE.	Tie Down Engineering, Inc
ASYS	XI2 Concrete Foundation System for Wind Zone 1 and wind zone 2 (Expires 12/20/2027)	XI2 "Concrete System" is a manufactured home stabilization system that resists both overturning and sliding forces. NOTE: IF HOME IS BEING INSTALLED TO THE MANUFACTURER INSTALLATION INSTRUCTIONS THIS SYSTEM MUST BE APPROVED BY THE MANUFACTURED HOME MANUFACTURER PRIOR TO USE.	Tie Down Engineering, Inc

CODE	DEVICE MODEL ID	DESCRIPTION	PRODUCER NAME
ASYS	OTI Model 1100 "V" Series All Steel Foundation System for Wind Zone I (Expires 3/3/2024)	<p>Model 1100 I "V" All Steel Foundation System, Wind Zone I and Seismic, Transverse and Longitudinal System: a formed galvanized steel pan, a transverse brace arm assembly, and a longitudinal V-brace assembly.</p> <p>Model 1100 I C "V" All Steel/Concrete Foundation System: 2 anchors, each consisting of a steel U-bracket welded to a steel plate with holes drilled to receive 2 anchor bolts (dry set) or 2 anchors consisting of a 5/8 inch steel rod formed into a J-bolt and welded to a U-shaped bracket (wet set), and a concrete foundation pad.</p> <p>Model 1100 LV Foundation/Pier Anchor System: a formed galvanized steel pan and a longitudinal V-brace assembly.</p> <p>NOTE: IF HOME IS BEING INSTALLED TO THE MANUFACTURER INSTALLATION INSTRUCTIONS THIS SYSTEM MUST BE APPROVED BY THE MANUFACTURED HOME MANUFACTURER PRIOR TO USE.</p>	Oliver Technologies, Inc.
ASYS	OTI Model 1100 "V" Series All Steel Foundation System for Wind Zone II (Expires 3/3/2024)	<p>Model 1100 II T "V" All Steel Foundation System, Wind Zone II, Transverse System: a formed galvanized steel pan and a transverse brace arm assembly.</p> <p>Model 1100 II L "V" All Steel Foundation System, Wind Zone II, Longitudinal System: a formed galvanized steel pan and a longitudinal V-brace assembly.</p> <p>Concrete Anchor Systems Used With the Model 1100 II C "V" All Steel Foundation System for Wind Zone II: 2 anchors, each consisting of a steel U-bracket welded to a steel plate with holes drilled to receive 2 anchor bolts (dry set) or 2 anchors consisting of a 5/8 inch steel rod formed into a J-bolt and welded to a U-shaped bracket (wet set), and a concrete foundation pad.</p> <p>NOTE: IF HOME IS BEING INSTALLED TO THE MANUFACTURER INSTALLATION INSTRUCTIONS THIS SYSTEM MUST BE APPROVED BY THE MANUFACTURED HOME MANUFACTURER PRIOR TO USE.</p>	Oliver Technologies, Inc.

CODE	DEVICE MODEL ID	DESCRIPTION	PRODUCER NAME
ASYS	Model No. MMA LLBS EZ Flex Tube, Longitudinal and Lateral Bracing System for Wind Zone I and Wind Zone II (Expires 3/15/2031)	Adjustable steel tubes with Minute Man Anchors metal ground pans and angle drive rods and telescoping restraint arms, along with conventional masonry piers, for longitudinal and lateral restraint. NOTE: IF HOME IS BEING INSTALLED TO THE MANUFACTURER INSTALLATION INSTRUCTIONS THIS SYSTEM MUST BE APPROVED BY THE MANUFACTURED HOME MANUFACTURER PRIOR TO USE.	Minute Man Anchors, Inc.
D	HP20 expires (6/12/2029)	Double slot strap buckle	Home Pride
D	HP21 expires (6/12/2029)	Single slot buckle	Home Pride
D	HP22 expires (6/12/2029)	Frame clamp	Home Pride
D	Part Number MHT (expires 1/12/2031)	Frame Tie with Hook Strap (various lengths)	Tie Down Engineering
D	Part Number MBU (expires 3/12/2031)	Frame Strap with Buckle (various lengths)	Tie Down Engineering
D	MS 33-600 (expires 3/12/2031)	Galvanized Strap (lengths from 33 feet to 600 feet)	Tie Down Engineering
D	Part Number 59175 BCS (expires 7/12/2031)	Crimp Seal	Tie Down Engineering
D	Part Number 59140 (expires 7/12/2031)	MBU Strap Buckle (Double Slot)	Tie Down Engineering
D	Part Number 59145 MGRB (expires 7/12/2031)	Galvanized Roof Bracket	Tie Down Engineering
D	Part Number 59135 (expires 02/12/2031)	Slotted Bolt with Nut	Tie Down Engineering
D	Part Number 59242 (expires 12/20/2027)	Universal Swivel Strap Connector	Tie Down Engineering
D	Part Number 59363 (changed from 59361) (expires 8/5/2031)	24 inch Adjustable Outrigger having three parts	Tie Down Engineering
D	Part Number 59365 (changed from 59362) (expires 8/5/2031)	36 inch Adjustable Outrigger having three parts	Tie Down Engineering
D	MMA-33 (Expires 4/23/2023)	Locking Frame Clamp	Minute Man Anchors
D	MMA-42 (Expires 4/23/2023)	"J" Bolt Concrete Anchor	Minute Man Anchors
D	OT(Expires 3/15/2023)	Galvanized Strapping	Oliver Technologies
D	OT (Expires 3/15/2023)	Split Bolt	Oliver Technologies
D	OT CADP (Expires 3/15/2023)	Concrete Expansion Anchor	Oliver Technologies
D	OT CAWP (Expires 3/15/2023)	Concrete Anchor "L" Bolt	Oliver Technologies
D	OT FT 1 (Expires 11/20/2023)	Frame Tie	Oliver Technologies
D	OTLT (Expires 2/3/2024)	Longitudinal Beam Connector	Oliver Technologies
D	OTQC (Expires 1/31/2024)	Quick Connector tie for attachment to brackets installed on home by the home manufacturer	Oliver Technologies
D	OTSFT (Expires 1/31/2024)	Swivel Frame Tie perpendicular to I-beam	Oliver Technologies
D	OT ST 1 (Expires 3/15/2023)	Strap crimp sealed to Buckle	Oliver Technologies
D	Part Number 1055-18 (Expires 1/14/2031)	Adjustable Outrigger with four components	Oliver Technologies
D	Part Number 59135 (Expires 2/12/2031)	Slotted Bolt with Nut	Tie Down Engineering
F	I.D. Number 1055-26 (Expires 3/18/2031)	24 inch by 24 inch ABS plastic footing	Oliver Technologies, Inc.

CODE	DEVICE MODEL ID	DESCRIPTION	PRODUCER NAME
F	I.D. Number 1055-23 (Expires 1/30/2024)	16 inch by 18.5 inch ABS plastic footings with two footings side by side and one footing on top	Oliver Technologies, Inc.
F	I.D. Number 1055-9 (Expires 12/21/2030)	18.5" x18.5" ABS plastic footing	Oliver Technologies, Inc. a Division of Manufactured Housing Foundation Systems
F	I.D. Number 1055-14 (Expires 12/21/2030)	16" x16" ABS plastic footing	Oliver Technologies, Inc. a Division of Manufactured Housing Foundation Systems
F	Part Number 59300 (Expires 1/9/2023)	ABS pad 16"x18"x7/8" (2 sq. ft.)	Tie Down Engineering
F	Part Number 59301 (Expires 1/9/2023)	ABS pad 16"x22.5"x1" (2.5 sq. ft.)	Tie Down Engineering
F	Part Number 59302 (Expires 1/9/2023)	ABS pad 17.1875"x25.1875"x1.125" (3 sq. ft.)	Tie Down Engineering
F	Part Number 59303 (Expires 1/9/2023)	ABS pad 24"x24"x1" (4 sq. ft.)	Tie Down Engineering
F	Part Number 59660 Expires 04/30/2030	ABS Pad-Footer (16"x 16")	Tie Down Engineering
F	Part Number 59661 Expires 04/30/2030	ABS Styrene Plastic Pier Cap Board 1 inch	Tie Down Engineering
F	Part Number 59662 Expires 04/30/2030	ABS Styrene Plastic Cap Board 1 ½ inch	Tie Down Engineering
F	Part Number 59663 Expires 04/30/2030	ABS Plastic Wedge	Tie Down Engineering
F	PP1616 (Expires 2/1/2022)	Black Polypropylene Plastic Pad	PolyVulc USA, Inc.
F	PP1723 (Expires 2/1/2022)	Black Polypropylene Plastic Pad	PolyVulc USA, Inc.
F	PP1818 (Expires 2/1/2022)	Black Polypropylene Plastic Pad	PolyVulc USA, Inc.
F	PP2020 (Expires 2/1/2022)	Black Polypropylene Plastic Pad	PolyVulc USA, Inc.
F	PP2424 (Expires 2/1/2022)	Black Polypropylene Plastic Pad	PolyVulc USA, Inc.
F	Maxi-Pad Concrete Pad V (imprint in edge 2 inches from corner) Expires 6/04/2028	Precast High Strength Concrete Footing 15.63 inches square x 2.75 inch thick	Alamo Concrete Tile
P	Number 1050 Steel Metal Pier (expires 4/22/2031)	Metal Pier with various heights 6 Inches to 36 inches	D-Mac Inc.
P	Part Number 1055-24 Model OTI ABS 2x Cap (CB2) (expires 3/17/2031)	ABS Pier Cap Board injected molded black plastic	Oliver Technologies, Inc.
P	Part Number 1055-25 Model OTI ABS 1x Cap (CB1) (expires 3/17/2031)	ABS Pier Cap Board injected molded black plastic	Oliver Technologies
P	Part Number 2410 Model OTI ABS Wedge Shim (expires 3/18/2031)	ABS Wedge Shim injected molded black plastic (wedge shape)	Oliver Technologies