



LEGAL ENTITY			MANUFACTURING FACILITY		
please print legibly below					
Name (Legal owner, Inc., LLC, partnership, DBA, full legal name):			Name of Facility / Manufacturer (as it is to appear on tank marking):		
Mailing Address (Invoices, permits, official correspondence):			Manufacturing Location (physical address):		
e-mail			e-mail		
City:	State:	Zip Code:	City:	State:	Zip Code:
Phone #:	Fax #:		Phone #:	Fax #:	
Owner/Officer/Applicant Name and Title (Print):			Facility / Production Manager (Name and Title (Print):		
Owner/Applicant Signature:		Application Date:	Quality Assurance Manager Signature:		
Alternate Contact Name and Title (Print):		Alt Contact Phone:	Yes / No A copy of the facility quality assurance program is attached:		
Circle Reason for application submittal					
<input type="checkbox"/> NEW SEPTIC TANK \$150 ea	<input type="checkbox"/> NEW GREASE INTERCEPTOR \$150 ea	<input type="checkbox"/> RECERTIFICATION \$150 ea	<input type="checkbox"/> MANUFACTURING FACILITY CHANGE OF ADDRESS	<input type="checkbox"/> MANAGEMENT CHANGE	<input type="checkbox"/> BUSINESS CLOSED
FOR SEPTIC TANK CERTIFICATION ONLY					
Drawing #	Drawing Date:	PE Name, Lic. # & State	Model # / Name		
Use (Septic, holding, etc):	Burial Depth (maximum feet):	Size (gal liquid capacity):	Material:	Pieces (1 or 2):	Load Rating (H10 or H20):
<input type="checkbox"/> Single Compartment	<input type="checkbox"/> Two Compartment	Tank Length (feet):	<input type="checkbox"/> Low Profile		<input type="checkbox"/> Traffic Rated (circle if yes)
IAPMO Approval#	<input type="checkbox"/> Meets IAPMO Standards:	Certifying Document (attached): <input type="checkbox"/>	Installation Instructions (attchd): <input type="checkbox"/>	Other Certification:	
NM Tank Certification #s (if requesting recertification)		NMED USE ONLY			
		Invoice Date	Check #	Date Rec'd:	
		Total # Tanks:	Check Amount:	Review Date/Staff:	
		Invoice Amount:	Cert. Mail Date	Certified Mail #	
		Date Certified / Recertified:	Date Suspended:	Date Closed:	
		Date next Certification Due:	Suspension Basis:	Suspension Date:	
COMMENTS:					
NMED APPROVING AUTHORITY:				DATE	



Septic Tank Certification Application Contents Requirements (Tabs 1 to Tab 9)

Septic Tank Recertification Application Contents Requirements (Tabs 5 to Tab 9)

Submit documents in this order within a single pdf. Multiple pdfs may be returned without action, no pictures will be accepted.

Tab 1

**Application for Septic Tank Certification / Recertification
Completed department checklist (Initial Certification)**

Tab 2

PE Stamped Drawing

**with note stating that design meets NMAC 20.7.3 or,
with note stating that design meets IAPMO or,
IAPMO Certification**

Drawing(s), must show Drawing Number, Revision Date, Author, Model Number must be shown

Tab 4

PE Stamped Calculation Sheets, must state pg 1 of total pages, Drawing Number, Revision Date, Author, Model Number must be referenced

Tab 5

Material Suppliers List

Tab 6

Material Specifications for each that apply to submitted design

Reinforcement Bars, size and grade

Reinforcement Wire, size, spacing and grade

Portland Cement, Type

Aggregate source grading

I/O Pipe Connector, supplier specification

Joint Sealant, supplier specification

Bituminous Coating, specification

Admixtures

Air Entraining

Water Reducing

Corrosion Inhibitor

Tab 7

Tank Installation Instructions

Watertight Riser Attachment

Water tightness Testing & Procedure

Tab 8

Ready Mix Supplier

Supplier Mix Number

Latest Delivery Ticket, if recertifying

Latest Compression Cylinder Test for Mix, from ready mix supplier

Tab 9

Tank Marking Details, location, how imprinted, letter size



Supplier List		<i>Manufacturer Name:</i>		
#	Item Name Product ID	Supplier Name	Supplier Address	phone or email
1	Concrete Ready Mix			
2	Concrete Aggregate			
3	Concrete Sand			
4	Concrete Water Source			
5	Portland Cement			
6	Air Entrainment Admixture			
7	Water Reducing Admixture			
8	Concrete Compression Cylinder Test Lab			
9	Tank Internal Coating			
10	Corrosion Inhibitor Admixture			
11	Seam Sealant			
12	Pipe to Tank I/O fittings			
13	Re-bar Reinforcement Steel			
14	Welded Wire Reinforcement			
15	Form Release Agent			
16				
17				
18				



Manufacturer:			Tank Size (gal):			Tank ID# / Model		
NMAC	501	SEPTIC TANK DESIGN; GENERAL	Material:			Inspector Name:		Date of Review:
#	Ref	Item	IC	NC	N/A	Comments		
	501A	Plans and calculation sheet stamped by PE. No penned changes, errors or omissions.						
	501A	Plans show all dimensions and reinforcement						
	501A	Installation Instructions provided (highly recommended)						
	501B1	Designed and constructed to withstand all reasonable lateral earth pressures under saturated soil conditions with the tank empty (statement in notes)						
	501B2	Supports a minimum live load at the surface of 300 pounds per square foot with 3 feet of cover unless heavier loads are expected; (statement in notes)						
	501B4	Manufacturer's name, New Mexico registration number, year of construction and tank capacity in gallons permanently displayed on the tank above the outlet pipe; drawings must depict location, notes must detail letter sizing and method or permanent marking						
	501B5	Watertight, tanks tested at some interval						
	501B9 502K 501I	IAPMO approved; or meet IAPMO minimum standards as demonstrated; certificate or letter attached for fiberglass or reinforced plastic tank, numbers match with drawing(s).						
	501B10	access risers attached to treatment unit with a watertight or water resistant seal as demonstrated within installation instructions (highly recommended)						
	501C, D	Constructed of one of the following (1) precast reinforced concrete; (2) poured-in-place concrete (3) fiberglass; (4) polyethylene (5) other written approved materials, Metal, wooden, concrete block and homeowner built tanks are prohibited						



Manufacturer:			Tank Size (gal):			Tank ID# / Model		
NMAC	501	SEPTIC TANK DESIGN; GENERAL	Material:			Inspector Name:		Date of Review:
#	Ref	Item	IC	NC	N/A	Comments		
	501E	Secure lid (1) padlock; (2) twist lock cover requiring special tools for removal; (3) covers weighing 58 pounds or more, net weight; (4) hinge and hasp mechanism stainless steel or other corrosion resistant fasteners to fasten the hinge and hasp to the lid and tank for fiberglass, metal or plastic lids; or						
	501F	PE designed for traffic loading H2O as clearly stated on plans						
	502E 501G	(Specs attached) The inlet and outlet pipe openings have a watertight seal approved by the department. resilient connector certified to meet or exceed ASTM Standard ASTM C1644-06(2011) C923-08(2103)e1 on the outlet connection of the tank specs attached						
	501H	Structurally designed to withstand all anticipated earth or other loads; soil PCF stated in calculations						
	501H	Septic tank covers capable of supporting an earth load of not less than 300psf at maximum fill coverage not exceeding 3ft (statement in notes)						
	501H	Access riser covers shall be capable of supporting a live load of not less than 300psf (statement in notes)						
	501I	Fiberglass or reinforced plastic septic tanks certified to IAPMO standards (501B9)						
	501J1a	Concrete walls: 2 ½ inches thick min.						
	501J1b	Concrete floors: 3 inches thick min.						
	501J1c	Concrete covers: 3 inches thick min.						
	501J2	Floors are an integral part of the tank. Floors and walls must be continuous without joint or seam						



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NMAC	501	SEPTIC TANK DESIGN; GENERAL	Material:			Inspector Name:		Date of Review:
#	Ref	Item	IC	NC	N/A	Comments		
	501J3	Sections; tongue and groove joints or keyways used and sealed with an approved watertight sealer(specs attached), joint detail on plans ASTM C990-09(2014)						
	501J5	Concrete tanks Type II (except type V) coated internally to at least 6 inches below liquid level with approved bituminous coating (specs attached) or other acceptable means. The coating shall cover all exposed concrete.						
	501J6a	Latest Test report showing concrete compression strength a min. of 3500 psi @ 28 days, density 140 PCF; (PE must state on plan)						
	501J6b	Supplier specs attached for Portland cement type II or V per the latest version ASTM specifications; (ASTM C150 -15 , Standard Specification for Portland Cement)						
	501J6c	Supplier specs attached for all admixtures per the latest version of ASTM specifications						
	501J6d	Supplier specs attached reinforcing per the latest version of ASTM specifications for steel bars, grade 40/60 or equivalent. ASTM A615-15ae1 Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement						
	501J7	Installation instructions call for tank to be installed level on undisturbed or compacted soil, ¼ to ¾ inch pea gravel or sand." PE must state on plan						
	502A	Tank liquid capacity is greater than or equal to the rated capacity or volume in gallons. Liquid capacity and rated capacity are stated on drawing or calculation sheet.						
	502B	Inlet compartment at least 3 feet in width and 5 feet in length						
	502B	Inlet compartment Liquid depth is 2 ½ feet to 6 feet						
	502B	Inlet compartment is 2/3 and second compartment is 1/3 of the liquid capacity						



Manufacturer:			Tank Size (gal):			Tank ID# / Model		
NMAC	501	SEPTIC TANK DESIGN; GENERAL	Material:			Inspector Name:		Date of Review:
#	Ref	Item	IC	NC	N/A	Comments		
	502B	Second compartment for tanks over 1500 gal not less than 3 feet length						
	502D	At least 2 Access openings, one over the inlet and another over the outlet						
	502D	Additional (third) access over the baffle wall whenever first compartment exceeds 12 feet length						
	502D	Inlet access opening at least 20 inches minimum dimension.						
	502D	Outlet access opening at least 20 inches minimum dimension.						
	502D	Installation instructions demonstrate each access opening extended to the surface with secure lid.						
	502D	Installation instructions demonstrate access risers 24 inches in diameter at depth up to 3 feet						
	502D	Demonstrate access risers 30 inches in diameter at depths greater than 3 feet (highly recommended as part of installation instructions)						
	502D	Demonstrate Precast concrete access risers with an approved coating, "Wet-or-dry" coatings and mastics, or other water-based materials are not acceptable. (highly recommended as part of installation instructions)						
	502D	Installation instructions demonstrate plastic premanufactured risers, culvert or double wall high density polyethylene or equivalent plastic with proper covers or lids. <i>Rain barrels, trash cans, 55-gallon drums or other inappropriate materials are not acceptable.</i>						
	502E	The vertical leg of round inlet and outlet fittings shall not be less in size than the connecting sewer pipe nor less than 4 inches.						



Manufacturer:			Tank Size (gal):			Tank ID# / Model		
NMAC	501	SEPTIC TANK DESIGN; GENERAL	Material:			Inspector Name:		Date of Review:
#	Ref	Item	IC	NC	N/A	Comments		
	502E	The inlet and outlet pipe openings have a baffle type fitting (tee) with the equivalent cross-sectional area of the connecting sewer pipe and not less than a 4-inch horizontal dimension measured at the inlet and outlet pipe inverts, unless it is a pumped system.						
	502F	Inlet, outlet pipe, baffle extend at least 4 inches above and at least 12 inches below liquid level.						
	502F	Inlet pipe invert not less than 2 inches above the outlet pipe invert.						
	502F	Inlet and outlet pipe or baffles, a minimum, schedule 40 PVC, ABS or cast-in-place concrete. Should be noted on plans and installation instructions						
	502G	Inlet and outlet pipe fittings or baffles have free vent area equal to the required cross-sectional area of the building sewer.						
	502G	Baffles and compartment partitions have free vent area equal to the required cross-sectional area of the building sewer.						
	502H	Installation instructions and drawings demonstrate an approved effluent filter, on the outlet, with an access riser to grade, and a handle extending to within 6 inches' riser top.						
	502I	Air Space (AS, free vent area): Sidewalls (except cylindrical tanks), extend at least 9 inches above liquid level.						
	502I	Inlet and outlet back vent openings (IBV, OBV); cover at least 2 inches above each back-vent opening.						
	502J	Partitions or baffles between compartments extend at least 4 inches above liquid level and made of solid, non-corrosive, durable material. Metal or wooden baffles are prohibited.						
	502J1	Baffle fitting made of an inverted fitting (90°F, elbow) equivalent in size to the tank inlet, but in no case less than 4 inches installed in the inlet compartment side.						
	502J1	Baffle fitting bottom placed midway in liquid level (50%).						



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NMAC	501	SEPTIC TANK DESIGN; GENERAL	Material:			Inspector Name:		Date of Review:
#	Ref	Item	IC	NC	N/A	Comments		
	502J2	Horizontal slot baffle opening extends the width of the tank, no more than 6 inches in height and located midway (50%) in liquid level.						
	502K1	Fiberglass, reinforced plastic tanks, each access and inspection hole cover has approved fasteners						
	502K1	Fiberglass, reinforced plastic tanks, covers overlap manhole by a minimum of 2 inches in all directions.						
<u>Meets NMAC</u>		Comments:				<u>Does Not Meet NMAC</u>		
<u>Name and Title (printed):</u>			Signature:			Date:		
<u>Inspector Name & Title (printed)</u>			Inspector Signature:			Date:		



Manufacturer:			Tank Size (gal):			Tank ID# / Model		
IAPMO	4	PREFABRICATED SPETIC TANKS; GENERAL REQUIREMENTS	Material:			Inspector Name:		Date of Review:
Sequence	Ref	Item	IC	NC	N/A	Comments		
	4.1a 501B5	Tank is watertight tanks tested at some interval						
	4.1b	Working volume (liquid depth) 750-gal minimum, (2,840 L)						
	4.1c	At least two compartments						
	4.2 501A	Plans and calculation sheet stamped by PE. No penned changes, errors or omissions.						
	4.2 501A	Drawings and supporting documentation shall show materials, dimensions, capacities, and other information necessary to demonstrate compliance.						
	4.2 4.3.1.2 501A	Structural design calculations shall be provided and signed by a PE, meets 4.3.2 and 4..3.3						
	4.3.1.1 501B1	Designed and constructed to withstand all reasonable lateral earth pressures under saturated soil conditions with the tank empty (statement in notes)						
	501B2	Supports a minimum live load at the surface of 300 pounds per square foot with 3 feet of cover unless heavier loads are expected; (statement in notes)						
	10.1 501B4	Manufacturer's name, New Mexico registration number, year of construction and tank capacity in gallons permanently displayed on the tank above the outlet pipe; drawings must depict location, notes must detail letter sizing and method or permanent marking						
	501B9 502K 501I	IAPMO approved; or meet IAPMO minimum standards as demonstrated; certificate or letter attached for fiberglass or reinforced plastic tank, numbers match with drawing(s).						



	501B10	access risers attached to treatment unit with a watertight or water resistant seal as demonstrated within installation instructions (highly recommended)				
	501C, D	Constructed of one of the following (6) precast reinforced concrete; (7) poured-in-place concrete (8) fiberglass; (9) polyethylene (10) other written approved materials, Metal, wooden, concrete block and homeowner built tanks are prohibited				
	10	10.1 Prefabricated septic tanks shall be marked with: (a) manufacturer's name or trademark; (b) model number; (c) working liquid volume, at least in gallons; (d) date (i.e., month and year), date code, or identifier traceable to the date of manufacture; (e) maximum design load and maximum burial depth (f) inlet and outlet. 10.2 Markings shall be permanent, legible and				