

Chemical Storage Building Selection Worksheet

Please fill out a separate form for each building requested.

For more information, contact Lisa Baxter, Building Specialist

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New Pig Corporation

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Tipton, PA 16684-0304 U.S.A.



Date: _____

Customer Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____ Email: _____

Types of Chemicals Being Stored

- | | | |
|---|---|--|
| <input type="checkbox"/> Antifreeze | <input type="checkbox"/> Medical Infectious Waste | <input type="checkbox"/> Class IA
Flash Point <73°F (22.78°C);
Boiling Point <100°F (37.78°C) |
| <input type="checkbox"/> Combustibles | <input type="checkbox"/> Motor Oil | <input type="checkbox"/> Class IB
Flash Point <73°F (22.78°C);
Boiling Point ≥100°F (37.78°C) |
| <input type="checkbox"/> Corrosives | <input type="checkbox"/> Oxidizers | <input type="checkbox"/> Class IC
Flash Point at or
above 73°F (22.78°C)
but below 100°F (37.78°C) |
| <input type="checkbox"/> Diesel Fuel | <input type="checkbox"/> Paints | <input type="checkbox"/> Class II
Flash Point at or
above 100°F (37.78°C)
and below 140°F (60°C) |
| <input type="checkbox"/> Dry Goods | <input type="checkbox"/> Pesticide/Herbicide | |
| <input type="checkbox"/> Flammable Liquids | <input type="checkbox"/> Petroleum | |
| <input type="checkbox"/> Fuels (Gasoline, JP) | <input type="checkbox"/> Solid Waste | |
| <input type="checkbox"/> Hazardous Virgin Materials | <input type="checkbox"/> Solvents | |
| <input type="checkbox"/> Hazardous Waste | <input type="checkbox"/> Used Oil | |
| <input type="checkbox"/> Household Hazardous Waste | <input type="checkbox"/> Water Reactive | |
| <input type="checkbox"/> Hydrocarbons | <input type="checkbox"/> Other _____ | |

Method of Storage

- 55-Gallon Drums
- IBCs (totes)
- 1-5 Gallon Cans
- Lined Boxes or Bags
- Gas Cylinders
- Spray Cans
- Other _____

Method of Handling

- Forklift
- Pallet Jack
- By Hand
- 2-Wheel Truck
- Other _____

Building Styles Available

When choosing a building style take into consideration the placement of the building from nearest property line, occupied building, important building or structure.

- 2-Hour Fire-Rated (Buildings >10' but <75')
- 4-Hour Fire-Rated (Buildings <10')
- Explosion Relief Construction (Required with Class IA or transferring or dispensing of Class IB flammables)
- Bi-Directional Fire Protection of Roof/Ceiling Walls and Sump Wall (Choose either 2- or 4-Hour Ratings)
- Steel (Non-Combustible, Non-Fire Rated; Buildings >75')

NOTE: Verify regulatory compliance with your Fire Marshal, Insurance Carrier, Safety & Environmental Officer, Code Containment Official, Building Inspector, etc., as local code may be more stringent.

Occupancy Buildings*

Number of 55-gallon drums stored on a single level: _____

Preferred size (Length x Width): _____

Smaller Lockers:

2-Drum and 4-Drum (overheight for pumps and funnels to be kept in place),
6-Drum and 8-Drum (can stand up inside; 8'H on the exterior)

Buildings below are 9'H:

8'W x 8'D = 9-Drum	10'W x 12'D = 20-Drum	12'W x 12'D = 25-Drum
8'W x 10'D = 12-Drum	10'W x 16'D = 28-Drum	12'W x 16'D = 35-Drum
8'W x 12'D = 15-Drum	10'W x 20'D = 36-Drum	12'W x 20'D = 45-Drum
8'W x 16'D = 21-Drum	10'W x 24'D = 44-Drum	12'W x 24'D = 55-Drum
8'W x 20'D = 27-Drum	10'W x 28'D = 52-Drum	12'W x 28'D = 65-Drum
8'W x 24'D = 33-Drum	10'W x 32'D = 60-Drum	12'W x 32'D = 75-Drum
8'W x 28'D = 39-Drum		
8'W x 32'D = 45-Drum		

Widths Available: 6', 8', 10', 12', Other

Lengths Available: 8', 10', 12', 16', 20', 24', 28', 30', 32', Other

Non-Occupancy Buildings — Pallet Rack Buildings*

2-Pallet: 10'W x 6'D x 5'H
4-Pallet: 10'W x 6'D x 10'H
8-Pallet: 20'W x 6'D x 10'H
16-Pallet: 20'W x 11'D x 10'H

Options Available

- Insulation
- Exterior Light
- Fiberglass Grating
- Heat
- HDPE
- Sliding Doors
- AC

(*Dimensions listed for Occupancy and Non-Occupancy Buildings are nominal.)

Building Needed

- Occupancy
- Non-Occupancy

Description: Building Size: _____ X _____ X _____ Number of 55-gallon drums needed: _____

Is the Building for

- Storage Only
- Dispensing/Transferring
- Both

Distance to the Nearest Occupied Structure or Property Line

0-10'

10'-50'

50'-75'

>75'

Inside Use

Codes and Certifications

UL-Classified Building (only Bi-Directional)

UL-Listed Component

FM Approved

State Seal (if applicable)

Options Available

Unit Design

R-11 Insulation Package

Explosion Relief Construction

Different Insulation Package

Other _____

Fire Protection System (Standard Fire Suppression System is on the exterior of the building)

Dry Chemical Fire Suppression System (A, B, C)

Water Sprinkler System (stubbed to exterior)

Water Deluge Sprinkler System
(fire department hookup)

Other _____

HVAC Appliances

Explosion Proof Mechanical Ventilator (350CFM)

CFM (other) _____

Explosion Proof Air Conditioner: 14K BTU

19K BTU

Explosion Proof Heater: 6K BTU

12K BTU

26K BTU

Electrical Lighting (Standard: Incandescent)

120/240 Volt Service Panel

Interior Explosion Proof Lights

Exterior Explosion Proof Lights

Exterior Non-Explosion Proof Lights

Electrical Receptacles (Outlets):

Inside Building (Explosion Proof, Single or Double Gang Outlet)

Outside Building (Explosion Proof or GFI)

Other _____

Floor Decking (Standard: Galvanized Steel Grating)

Plywood Flooring APA Rated Drum Platform:
1-1/8" thick with 6"W steel enamel-coated grate for visual inspection

Steel Floor Grating: 300 lbs./sq. ft. loading (can be constructed to 500 PSF)

Fiberglass Floor Grating: 250 lbs./sq. ft. loading (can be constructed to 500 PSF)

Other _____

Doors (Standard: 60"W x 80"H Double Doors)

- Change To:** 60"W Double Door 54"W Single Door
 36"W Personnel Door 108"W Door (opens as two 54" doors w/clean expanse)

- Also Include:** 60"W Double Door 54"W Single Door
 36"W Personnel Door 108"W Door (opens as two 54" doors w/clean expanse)

Additional Options

- Phone Hookups (Hookup only, phone not included)
 HDPE Sump Liner (High Density Polyethylene)
 Rooftop Lifting Points (Large Buildings only)
 Ultrashell Lining (Special exterior for extreme conditions: salt water, ice, rocks, etc.)
 Paint — Special Exterior Color (Standard: white): Specify color: _____
- Loading Ramp: Steel Aluminum
- Eye/Face Wash Station: Portable Plumbed
- Liquid Level Detector with: Horn Bell Dry Contacts (for remote communication)
- Interior Partition Wall: Steel Fire-Rated Solid
 W/Door Chain-Link Top/Solid Bottom
- Shelving 16" Deep How many walls should have shelving? _____
 How many tiers (1-4)? _____
- Shelving 22" Deep How many walls should have shelving? _____
 How many tiers (1-4)? _____
- Other _____
 Other _____

We encourage and recommend that you discuss your storage plans with the local authorities, such as Fire Marshal, Insurance Carrier, Building Inspector, Safety & Environmental Officer or Code Containment Official. When these codes apply, they may be more stringent as to the construction and location of the building. In order to manufacture the correct building for your plan, this is an important and necessary step.