

CUSTOM LIQUID PENETRANT REQUEST FORM

Custom modular system can be designed to your specific testing needs. Complete the form below and send it to info@qnde.ca. An application specialist will then contact you to discuss your liquid penetrant system requirements and next steps.

Contact Information

Company Name			
Contact Name			
Contact email			
Phone Number			
Address			
Project Budget		Requested Date	

Application Type

Largest Part Size	(L x W x H)		
Largest Part Geometry	(Please provide pictures and drawings)		
Maximum Part Weight			
Penetrant Sensitivity Used	☐ Level 2	☐ Level 3	☐ Level 4
Application Type	☐ Dip	☐ Spray	☐ Electrostatic ☐ HVLP
Process Required	☐ Water Wash ☐ Dry Developer	☐ Lipophilic ☐ Wet Developer	☐ Hydrophilic ☐ Visible Penetrant
Penetrant Currently Used	Brand		Product

Inspection Process

Required Processing Rate (Parts per hour or week)	
Floor Space Available (Provide expected layout)	
Ceiling Height Clearance	
Basket Size Used	(L x W x H)



Cleaning

Pre-wash Tank	☐ Yes	☐ No	
Ultrasonic Cleaning	☐ Top Filtration	☐ Bottom Filtration	☐ No UT System
Pressure Wash	☐ Yes	☐ No	
Finish Wash Station	☐ 1 Station	☐ 2 Stations	☐ No
Dryer	☐ Yes	☐ No	
Cooling Station	☐ Yes	☐ No	

Penetrant Station

Station Dimension	(L x W x H)			
Options	☐ Tank Type ☐ HVLP	☐ Tabletop ☐ Mist Collector	☐ Electrostatic ☐ None	
Work Surface	☐ Rollers ☐ Polypropylene		☐ Grated Aluminum ☐ Grated Plastic	
Power Lowerator	☐ Manual	☐ Automatic	☐ Not needed	
Roof	☐ Split Left/Right MVT	☐ Front Load	☐ Overhang	☐ Not needed
Lid	☐ Removable	☐ Hinged	☐ None	

Dwell / Rest Station

Station Dimension	(L x W x H)			
Work Surface	☐ Grated Aluminum	☐ Grated Plastic	☐ Rollers	☐ Polypropylene
Lid	☐ Removable	☐ Hinged	☐ None	
Mist Collector	☐ Yes	☐ No		



Rinse Station

Station Dimension	(L x W x H)			
Options	☐ Tank Type		☐ Tabletop	
Work Surface	☐ Grated Aluminum	☐ Grated Plastic	☐ Rollers	☐ Polypropylene
Roof	☐ Split Left/Right MVT	☐ Front Load	☐ Overhang	☐ Not needed
Enclosed	☐ Guillotine Doors ☐ Sliding Doors ☐ Flexible Curtain ☐ Motorized Rolling Curtain ☐ Sliding Rigid Curtain ☐ Not Enclosed			
Overhead Lamps	☐ Yes		☐ No	
Handheld Lamp on Articulated Support	☐ Yes		☐ No	
Emulsifier Injector Kit	☐ Yes		☐ No	
Rinse Gun	☐ Water Only		☐ Water and Air	
Mist Collector	☐ Yes		☐ No	

Drain Station

Station Dimension	(L x W x H)			
Work Surface	☐ Grated Aluminum	☐ Grated Plastic	☐ Rollers	☐ Polypropylene
Lid	☐ Removable	☐ Hinged	☐ None	

Emulsifier Station

Station Dimension	(L x W x H)			
Options	☐ Tank Type		☐ Tabletop	
Work Surface	☐ Grated Aluminum	☐ Grated Plastic	☐ Rollers	☐ Polypropylene
Roof	☐ Split Left/Right MVT	☐ Front Load	☐ Overhang	☐ Not needed
Lid	☐ Removable	☐ Hinged	☐ None	
Power Lowerator	☐ Manual	☐ Automatic	☐ Not needed	

Rinse Station #2 | For Post-Emulsifiable

Station Dimension	(L x W x H)			
Options	☐ Tank Type		☐ Tabletop	
Work Surface	☐ Grated Aluminum	☐ Grated Plastic	☐ Rollers	☐ Polypropylene
Roof	☐ Split Left/Right MVT	☐ Front Load	☐ Overhang	☐ Not needed
Enclosed	☐ Guillotine Doors ☐ Sliding Doors ☐ Flexible Curtain ☐ Motorized Rolling Curtain ☐ Sliding Rigid Curtain ☐ Not Enclosed			
Overhead Lamps	☐ Yes		☐ No	
Handheld Lamp on Articulated Support	☐ Yes		☐ No	
Emulsifier Injector Kit	☐ Yes		☐ No	
Rinse Gun	☐ Water Only		☐ Water and Air	
Mist Collector	☐ Yes		☐ No	

Drain Station #2 | For Post-Emulsifiable

Station Dimension	(L x W x H)			
Work Surface	☐ Grated Aluminum	☐ Grated Plastic	☐ Rollers	☐ Polypropylene

Dryer Station

Station Dimension	(L x W x H)			
Options	☐ Tunnel Type	☐ Front Door	☐ Sides + Front Doors	☐ Top Load
Work Surface	☐ Rollers		☐ Grated Aluminum	
Roof	☐ Split Left/Right MVT	☐ Front Load	☐ Solid Roof	
Power Available	Voltage		Phase Qty	

Cooling / Transfer Station

Length (inches)				
Work Surface	☐ Grated Aluminum	☐ Grated Plastic	☐ Rollers	☐ Polypropylene



Developer Station

Station Dimension	(L x W x H)			
Options	☐ Tunnel Type	☐ Front Door	☐ Sides + Front Doors	☐ Top Load
Work Surface	☐ Rollers		☐ Grated Aluminum	☐ Grated Plastic
Roof	☐ Split Left/Right MVT		☐ Front Load	☐ None (Top Lid)
Process	☐ Dry Powder		☐ Wet Powder	
Air Nozzle (Remove excess developer)	☐ Yes		☐ No	
Powder Application	☐ Dynamic Cloud (Pressure pot injector)		☐ Swirl Cloud (Manifold dispersing)	☐ Manual

Rest / Transfer Station

Station Dimension	(L x W x H)			
Work Surface	☐ Grated Aluminum	☐ Grated Plastic	☐ Rollers	☐ Polypropylene

Inspection Station

Station Dimension	(L x W x H)			
Work Surface	☐ Polypropylene	☐ HDF	☐ Grated Plastic	☐ Rubber
Roof	☐ Split Left/Right MVT	☐ Front Load	☐ Overhang	☐ Not needed
UV Overhead Light	☐ Yes		☐ No	
White Light	☐ Yes		☐ No	
Handheld Lamp on Articulated Support	☐ Yes		☐ No	
Turn Table	☐ Yes		☐ No	
Industrial Drawer	☐ Yes		☐ No	
Rear Shelf	☐ Yes		☐ No	



Unloading Station

Unloading Station	☐ Yes	☐ No		
Station Dimension	(L x W x H)			
Work Surface	☐ Grated Aluminum	☐ Grated Plastic	☐ Rollers	☐ Polypropylene

Accessories

Baskets Quantity		Baskets Dimension	(L x W x H)	
Special Fill In Penetrant Price	☐ Yes		☐ No	
Effluent Disposal Method	☐ Carbon Filtering ☐ Coalescer		☐ Nanofiltration ☐ Other	
Other Needed Accessories				

REMINDER

List of requested pictures and drawings

- ✓ Largest part
- ✓ Available space
- ✓ Current LPI line
- ✓ Current accessories, lights and equipment used

Please, attach all documents that could help us to understand your situation.

QNDE's expert will contact you soon to discuss your project.

