



Permit Required Confined Space  
Requested in procedure

General information

\*The permit is only valid for the specified date & time (max. 1 shift)\*

Requestor:		Requestor phone:		Date [m/dd/y]:	
Permit required Confined Space:					
Confined Space:	<input type="checkbox"/> Source-Vessel				
	<input checked="" type="checkbox"/> Drive Laser compartments (full body)				
	<input type="checkbox"/> Scanner Source area (SISO), service area				
	<input type="checkbox"/> Area under the Source in the SBF (EXE)				
Procedure name and purpose of the entry:					
Procedure(s) name:					
Purpose of entry:					
PTW Service Order Number:	PTW-SO#				
Customer and Fab info					
Customer & Fab:		Machine Type: EUV, Source:		Machine Number:	
Customer Notified:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Cust. Name/Phone:	Date [m/dd/y]:	
Indicate activity duration [hr]:	Expected start date [m/dd/y]:	Time start:	Expected end date [m/dd/y]:	Time end:	Multiple Shifts:
				<input type="checkbox"/> Yes	<input type="checkbox"/> No
Personell and Communication					
*Only authorized entrants can enter the Confined / Hazardous Space*	Entry Supervisor				
	Attendant(s):				
	Entrant(s):				
	Atmospheric tester:				
Method of communication between Entrant and Attendant		<input type="checkbox"/> Verbal/Visual			
		<input type="checkbox"/> Radio			
		<input type="checkbox"/> Extraction plan reviewed			
		<input type="checkbox"/> Other			
Hazards					
Physical Hazards		Physical hazard control:			
<input type="checkbox"/> Mechanical / Electrical		<input type="checkbox"/> Lockout/Tagout			
<input type="checkbox"/> Lasers		<input type="checkbox"/> Lockout/Tagout			
<input type="checkbox"/> Gasses		<input type="checkbox"/> Lockout/Tagout <input type="checkbox"/> Ventilation via opposite doors <input type="checkbox"/> Vacuum out gasses			
<input type="checkbox"/> Sharp edges		<input type="checkbox"/> Bumpcap <input type="checkbox"/> Cut resistant gloves <input type="checkbox"/> Gloves			
<input type="checkbox"/> High Temperature		<input type="checkbox"/> Measure before entry with .....			
<input type="checkbox"/> Dust/particles hazards - Tin/Thorium		<input type="checkbox"/> Respirator, full face mask or half face mask with goggles + P100 cartridge			
<input type="checkbox"/> Enter and exit (egress)		<input type="checkbox"/> Attendant to assist in helping going in/out			
<input type="checkbox"/> Ergonomics ( awkward postures, bending, lifting, reaching etc.)		<input type="checkbox"/> Frequent breaks/green pads/ergoplate/vessel entry tool			
<input type="checkbox"/> Tight Spaces (Entrapment Hazard)		<input type="checkbox"/> Verify that Space is compatible with Body Type for Entry			
<input type="checkbox"/> Working at Height (working above 1.2 meter or 4 feet		<input type="checkbox"/> Ladder <input type="checkbox"/> Platform			
<input type="checkbox"/> Others		<input type="checkbox"/> ASML in Lead Action TRUMPF assistance: EMO Shrouds- LOTO Required + LMR			
Atmospheric Hazards		Atmospheric control			
<input type="checkbox"/> Asphyxiation gas/Oxygen Deficiency - (Argon/Nitrogen\Helium)		<input type="checkbox"/> Oxygen area monitor (initial and continuous) - record every 15 min			
<input type="checkbox"/> Toxic gas - (Carbon-Dioxide, Carbon-Monoxide)		<input type="checkbox"/> Carbon-Dioxide area monitor (initial and continuous) - record every 15 min			
<input type="checkbox"/> Others		<input type="checkbox"/> Carbon-Monoxide area monitor (initial and continuous) - record every 15 min			
Tools					
<input type="checkbox"/> Personal gas monitor		<input type="checkbox"/> Yellow Canary for Oxygen <input type="checkbox"/> Orange monitor for Carbon-Dioxide			
<input type="checkbox"/> LOTO equipment		<input type="checkbox"/> Personal Locks and Tags			
<input type="checkbox"/> Ergonomics		<input type="checkbox"/> Ergoplate / Vessel Entry Tool (VET)			
<input type="checkbox"/> Lighting		<input type="checkbox"/> LED Flashlight			
<input type="checkbox"/> Controlled Access Zone		<input type="checkbox"/> Barricades and signage			
<input type="checkbox"/> Others		<input type="checkbox"/> Others			
Emergency plan					
Emergency Response Team (ERT)		<input type="checkbox"/> Phone number ..... <input type="checkbox"/> Radio			
		<input type="checkbox"/> Date, time & phone number Confirmed by .....			
		<input type="checkbox"/> Other .....			
Potential Extraction situation		Methof of extraction			
<input type="checkbox"/> Entrapment		<input type="checkbox"/> ASML trained Employee(s)			
<input type="checkbox"/> Fire/Explosion		<input type="checkbox"/> Customer Site ERT Team as back-up available only for Confined Space			
<input type="checkbox"/> Engulfment		<input type="checkbox"/> Other			
<input type="checkbox"/> Hazardous Atmosphere		Extraction equipment			
<input type="checkbox"/> Working at height		<input type="checkbox"/> Ergoplate / Vessel Entry Tool (VET)			
<input type="checkbox"/> Electrical		<input type="checkbox"/> Align the extraction "how" to be performed			
<input type="checkbox"/> Hazardous Chemicals		<input type="checkbox"/> Platform			
<input type="checkbox"/> Other		<input type="checkbox"/> Ladder			
Medical equipment in cleanroom available		<input type="checkbox"/> EXE Vessel Extraction Toolkit			
<input type="checkbox"/> First AID kit		<input type="checkbox"/> Backboard			
<input type="checkbox"/> Emergency shower/eyes		<input type="checkbox"/> Other			
<input type="checkbox"/> AED					
<input type="checkbox"/> Other					
Permit to Work sign-off					
Safety mitigation Reviewed and Approved		Task Sign-off:			

Local EHS Spec./EUV Safety eng.:		Local Responsible Manager:	
Date:		Date:	
Name:	Sign:	Name:	Sign:
All Safety risks need to be mitigated reviewed/approved by local EHS and signoff the task by local responsible manager before activity can be started. Add PTW-form to PTW-SO in SMS.			