

# 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]:			
<b>Permit required Confined Space:</b>						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">Confined Space:</td> <td style="width: 90%;"> <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)         </td> </tr> </table>					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)
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)					
<b>Procedure name and purpose of the entry:</b>						
Procedure(s) name:						
Purpose of entry:						
PTW Service Order Number:	PTW-SO#					
<b>Customer and Fab info</b>						
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		
<b>Personell and Communication</b>						
<b>*Only authorized entrants can enter the Confined / Hazardous Space*</b>	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				
<b>Hazards</b>						
<b>Physical Hazards</b>		<b>Physical hazard control:</b>				
<input type="checkbox"/> Mechanical / Electrical <input type="checkbox"/> Lasers <input type="checkbox"/> Gasses <input type="checkbox"/> Sharp edges <input type="checkbox"/> High Temperature <input type="checkbox"/> Dust/particles hazards - Tin/Thorium <input type="checkbox"/> Enter and exit (egress) <input type="checkbox"/> Ergonomics ( awkward postures, bending, lifting, reaching etc.) <input type="checkbox"/> Tight Spaces (Entrapment Hazard) <input type="checkbox"/> Working at Height (working above 1.2 meter or 4 feet) <input type="checkbox"/> Others		<input type="checkbox"/> Lockout/Tagout <input type="checkbox"/> Lockout/Tagout <input type="checkbox"/> Lockout/Tagout <input type="checkbox"/> Ventilation via opposite doors <input type="checkbox"/> Vacuum out gasses <input type="checkbox"/> Bumpcap <input type="checkbox"/> Cut resistant gloves <input type="checkbox"/> Gloves <input type="checkbox"/> Measure before entry with ..... <input type="checkbox"/> Respirator, full face mask or half face mask with goggles + P100 cartridge <input type="checkbox"/> Attendant to assist in helping going in/out <input type="checkbox"/> Frequent breaks/green pads/ergoplate/vessel entry tool <input type="checkbox"/> Verify that Space is compatible with Body Type for Entry <input type="checkbox"/> Ladder <input type="checkbox"/> Platform <input type="checkbox"/> ASML in Lead Action TRUMPF assistance: EMO Shrouds- LOTO Required + LMR				
<b>Atmospheric Hazards</b>		<b>Atmospheric control</b>				
<input type="checkbox"/> Asphyxiation gas/Oxygen Deficiency - (Argon/Nitrogen\Helium) <input type="checkbox"/> Toxic gas - (Carbon-Dioxide, Carbon-Monoxide) <input type="checkbox"/> Others		<input type="checkbox"/> Oxygen area monitor (initial and continuous) - record every 15 min <input type="checkbox"/> Carbon-Dioxide area monitor (initial and continuous) - record every 15 min <input type="checkbox"/> Carbon-Monoxide area monitor (initial and continuous) - record every 15 min				
<b>Tools</b>						
<input type="checkbox"/> Personal gas monitor <input type="checkbox"/> LOTO equipment <input type="checkbox"/> Ergonomics <input type="checkbox"/> Lighting <input type="checkbox"/> Controlled Access Zone <input type="checkbox"/> Others		<input type="checkbox"/> Yellow Canary for Oxygen <input type="checkbox"/> Orange monitor for Carbon-Dioxide <input type="checkbox"/> Personal Locks and Tags <input type="checkbox"/> Ergoplate / Vessel Entry Tool (VET) <input type="checkbox"/> LED Flashlight <input type="checkbox"/> Barricades and signage <input type="checkbox"/> Others				
<b>Emergency plan</b>						
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 .....				
<b>Potential Extraction situation</b>		<b>Method of extraction</b>				
<input type="checkbox"/> Entrapment <input type="checkbox"/> Fire/Explosion <input type="checkbox"/> Engulfment <input type="checkbox"/> Hazardous Atmosphere <input type="checkbox"/> Working at height <input type="checkbox"/> Electrical <input type="checkbox"/> Hazardous Chemicals <input type="checkbox"/> Other		<input type="checkbox"/> ASML trained Employee(s) <input type="checkbox"/> Customer Site ERT Team as back-up available only for Confined Space <input type="checkbox"/> Other				
		<b>Extraction equipment</b>				
		<input type="checkbox"/> Ergoplate / Vessel Entry Tool (VET) <input type="checkbox"/> Align the extraction "how" to be performed <input type="checkbox"/> Platform <input type="checkbox"/> Ladder				
<b>Medical equipment in cleanroom available</b>		<input type="checkbox"/> EXE Vessel Extraction Toolkit <input type="checkbox"/> Backboard <input type="checkbox"/> Other				
<input type="checkbox"/> First AID kit <input type="checkbox"/> Emergency shower/eyes <input type="checkbox"/> AED <input type="checkbox"/> Other						
<b>Permit to Work sign-off</b>						
Safety mitigation Reviewed and Approved		Task Sign-off:				

Local EHS Spec./EUV Safety eng.:		Local Responsible Manager:	
Date:  Name: _____  Sign: _____		Date:  Name: _____  Sign: _____	
<b>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.</b>			