								Initia	l Confined Sp	ace Entry Pe	rmit No.:			
MARATHON	Invasive W RAM Score	ork	-		WORK eston Bay					Perm	it No.:			
SECTION I - WOR	K AUTHORIZA	TION			<u> </u>					E	MERGENCY	CONTACT	'S	
Date: Time Issued: Time Expires: Permit Extended Until: Operator Relief Change:	□ A.M. □ P.M. □ A.M. □ P.M.		communicated to	rmit you are workers covered be properly rocess area, and be permit will be them.	Additional I Cutting Eq Excavation Hydro Blas Lead Remo	uipment n/Trenching sting oval	((((((((((Removal Form Surface Prep or	ng/Floor/Handr n Live Equip ing/Hot Tapping Service Repair	Rail Rail **CO	ontact Owning De vning Departmo	1911 or 176: Emergency But Ept. in an emergen ent Channel:	tton ncy as well.	
Operator Relief Change: Name	Time		MPC Permit Writ By signing this pe indicating that the has been perform	rmit you are e joint jobsite visit	☐ Potential A	Asbestos Co emoval Airline Work	ntaining 🗆 E	Exception/Varia Other:	ance #:		ner Channel (ii	applicable):		
JOB INFORMATIO	DN .	-			□ Expandab	ie Plugs								
Exact Location:					(11-1-4-4	quipment No., Et								
Authorized Company/Co	ntractor and Crafts:_				(Offic Area, E		y/Contractor and Ci	rafts)						
Work Description (Purpo	se):							- I alto						
 Joint Job Site Visit Comp	lete? (All blue lettered	text items must be consider	ed prior to work) □	Yes 🗆 N/A (N	ot Required)	Post Joi	nt Job Site Vi	sit Required?	□ Yes □ No					
Potential Hazards/Chemi	cals: (SDS available u	pon request)						•						
Unit Process Safety Over	<u> </u>		etian I Jah Cita D		a an hadeta da	din a an int								
		opropriate boxes) (*See Se		-		rine an int	•							
 □ Bleeder/Vents Tagged C □ Blinded □ Closed Locked/Tagged □ Drained & Depressured □ Flushed and Cleaned □ Disconnected □ Pneumatic Energy Blin 	Closed Locked/Tagged or Isolated Drained & Depressured Flushed and Cleaned Disconnected Disconne						☐ Lead/Asbestos Tested ☐ Adjacent Areas or Complexes Contac ☐ Other Precautions:							
☐ Blocked/Closed☐ Neutralized (list chemi☐ Steam Tracing Not Isol		☐ Equi	oment Not Isolated Applicable	□ Pr	FCI Required roper Grounding ectrical Tracing	g/Bonding Not Isolated	I □ Hyo □ Dis	drant Use Loca cuss Multi-Cra	ft Hazards		oroval and ASM))		
□ Purged With (list): PERSONAL PROT	ECTIVE EQUIP	MENT & RELATED and fire-retardant clothing	REQUIREMEN are required to ant	ITS Minimum	Requirements	: Eye prote	☐ X-F	n-Sparking Too Ray Precaution e shields, hear	s ing protection,	hard hat, per	sonal H₂S moni	tor,		
Additional PPE	☐ Disposable Cov		Chemical/		plied Air Respi						-	ator Requireme		
 □ Double Hearing Protectio □ Goggles (worn) □ Face Shield □ Fall Protection 	n	Clothing/Vest	☐ Class A ☐ Class B ☐ Class C ☐ Class D	□ S ₀ □ S ₀	andblasting Hoo	od s Bottle	Cartridge Respirators ☐ Half Face ☐ Full Fac ☐ Organic Vapor (e.g., Benzene) ☐ Acid/Gas (e.g., SO ₂) ☐ Particulate P-100 (e.g., Asbestos, Weld Fume, Lead, Silica)				Benzene: <0.5 ppm - No Respirator Required 0.5-9.9 ppm - Half Face Piece 10-50 ppm - Full Face Piece			
□ Gloves: □ Boots: □ Metatarsal Guards	_ □ Chemical Cloth		Notes:		ottle Watch Req (name listed on Other:	back)	☐ Multi-Gas (e.g., Benzene, SO ₂ , Ammonia) ☐ Other: ☐ Other: ☐ CO: >25 ppm - Supplied Air Resp						cy	
		*See Section II note on ba	ck.)	Fire Watch wit										
□ Safer Work Location Con and Work Moved If Poss □ Torch □ Vehicle/Mobile Equipm □ Welding	ible □ Pneuma □ Welding nent □ Sewers, N	Powered Tool tic Impact Wrench Blanket or Shield (100% Spa Manholes and Vent Pipes wit tibles within 35 Feet Remove	rk Containment) hin 35 Feet Covered/. d/Protected	Char	f Attendants with ged Water Hose able Fire Extingui inuous LEL Moni	•	ired:	(name(s) w	ritten on back)	☐ Commun	th Required for 3 ication Procedu			
□ Electric Powered Tool SECTION III - CO	NFINED SPACE	PRECAUTIONS -	N/A Rescue persor	nnel, air siren/rac	dio. attendant(s) with vest.	safety harnes	ses/life lines (u	ınless life line w	vaived by MP	C Safety Dept.).	and continuous	air	
monitoring are always re ☐ Temperature (< 110°F) ☐ Confined Space Referen ☐ Confined Space Hazard	equired in any confine	ed space. Confined space e Tripod & Winch (w plicable) — Coordinate Mult Inert Entry	ntry status signage ertical entry > 5 feet) -Craft Work	must be posted No. of Attendan Continuous Air Air Siren/Radio	at any confined nts with Vests Red Monitoring Devi	I space's ent quired: ce	ry points. (name		back)	sion Proof Ligh Harness ne	nting Required			
☐ Vessel-specific Rescue Pl	lan Required	□ Excavation(s) Gr onded) □ Ventilation Plan, (2000 cfm/weld	If Welding ler or airline)	Temporary Con (except for N2 a	nections have be during Inert Conf	een Disconn ined Space E	ected intry)		☐ <i>Life Li</i> .☐ Other	ne Waived by :	Safety Dept. (If y	pt. (If yes, see CS) res, see CSE Track	king Log)	
SECTION IV – ATI needed for work starting	MOSPHERIC MO more than 2 hours p	ONITORING DN/A ast the initial gas check. Ad	d (*See Section IV - Iditional gas checks	- Atmospheric N s must continue	fonitoring note to be taken at t	he job site a	nd recorded	at mid-shift or	ce Entries shall h hard copy (mi NITORING REC	nimum).		nitial gas check.	A re-check is	
Oxygen (19.5 - 23.5%)	%	% %	%	%	%	(Continuo		is required in all				buildings and all a	attended HW	
HW=0-10*% LEL HW(CSE)=0% LEL	%	% %	%	%	%	If Yes, ch	eck contamin	ant(s)/hazard(ring: O ₂ , LEL, C						
CO (<25 ppm)	ppm	ppm ppm	ppm	ppm	ppm	☐ Ten	perature Mo	nitoring						
H₂S (<10 ppm)	ppm	ppm ppm	ppm	ppm	ppm °F		cate exact loo er (list):		le point:					
Temperature (<110°F) Benzene (<0.5 ppm)	°F ppm	°F °F	°F ppm	°F ppm	T ppm	-							T	
Other:(<	FF	PP	PP	PF	PP	- (<	mit Poquiron	nonts Procaut	ions or Notos:					
Equipment No.:						Other Pe	mit kequiren	nents, Precaut	ions, or notes:_					
Last Calib. Date:]	TH	IIS PERMIT R	FFI FCTS CONI	DITIONS AT	THE TIME OF IS	SSIIANCE		
Initials:										K AND NOTI	FY THE OWNIN	IG DEPARTME	NT.	
SECTION V - REG	UIRED SIGNAT	TURES						-		SIG	NATURE M	ATRIX Excavations	Everyation	
Responsible Person		Print Name	First Signatu	ures	Print Name	· W	ork Extensio	n Signature	Cold Work	Hot Work	CSE		> or = 4' Dec	
MPC Permit Writer								-	X	X	X	Х	X	
MPC Owning Department Su	pervision/Designee									X ⁴	X ³		X ³	
Permit User Representative									Х	X 	X v ³	X	X X ³	
Permit User Supervisor/Desi MPC Contractor Coordinator										X ⁴	X ³		X ²	
MPC Contractor Coordinator MPC/Contractor Competent								+			X	X	X	
MPC Safety Representative	1 (130)1										X ³	^	X ³	
		X ² =Required if Contractor In	volved and Initial Entr	y Only X ³ =Initial	Entry Only X ⁴ =R	equired if bu	rning, weldina.	or performing a	ttended hot wor	k on any lines a		i <mark>pment not estab</mark>		
SECTION VI - AD		IATURES Additional							ted to certify re					
Name:		Craft:	Time: In	Out	Name	2:			Craft:		Time: In	Out		
Name:		Craft:	Time: In	Out	Name	2:			Craft:		Time: In	Out		

 $\hfill \square$ Post Joint Job Site Visit Completed (if requested by Owning Department)

Owning Dept. Signature: ______ Time: _____

_ □ A.M. □ P.M.

 \square Acceptance Denied. Reasoning:_

SECTION VII – RETURN OF EQUIPMENT/WORK AREA - JOB COMPLETENESS

Communicate the status of the job to the Owning Department before signing off. The Owning Department reserves the right to request a Post Job Site visit.

___ □ A.M. □ P.M.

_ Time:__

 Job Status:
 Complete
 Incomplete
 Ongoing

 Personal & Craft Locks Removed?
 Yes
 No
 N/A

 Cleanup Complete?
 Yes
 No

 Comments left in Debriefing Section (back)?
 Yes (req'd for CS entry)
 No
 N/A

Form 6780 Rev. 5/22

Permit User Signature:___

INSTRUCTIONS TO COMPLETE THE WORK PERMIT "SG (Servicing Group)" or "OD (Owning Department)" are listed next to each section. This indicates responsibility for these sections of the permit. **SECTION III - CONFINED SPACE PRECAUTIONS SECTION I - WORK AUTHORIZATION** SG A. DATE: Enter the date the work is to begin. Check the appropriate boxes to indicate precautions that must be taken to ensure the confined space entry may be performed safely as per Refining Standard Practice -1127. B. TIME ISSUED: Enter the time that the work is authorized to begin. SG OD **SECTION IV - ATMOSPHERIC MONITORING** SG C. TIME EXPIRES: Enter the time at which the permit expires. Test results and the time taken shall be recorded in the appropriate sections and initialed by the D. PERMIT EXTENSION: Enter permit extensions. If the original operator on shift is relieved then OD person making the test. Record instrumentation identification number and date of last calibration. the relieving operator shall sign both copies of the permit. A determination as to the need for Check the box indicating whether or not atmospheric testing must be continuous. Conditions that additional gas testing or revalidation is required. require continuous monitoring include those identified in the Refining Standard Practice - 1127, E. WORK ORDER NUMBER: Enter the work order number (if applicable). SG SG/OD F. REQUIRED PERMITS: Check the appropriate box to identify applicable required permits. *If the LEL atmospheric concentration exceeds 0% (for non-confined space entry jobs only), the permit writer must describe the source of the flammable vapors and the control strategy in the "Other Permit OD G. OPERATOR RELIEF CHANGE: Identify operator relief change as appropriate. Requirements, Precautions, or Notes," section on the front of this permit. H. ADDITIONAL PERMITS OR COMPETENT PERSONS: Check the appropriate box(es) to identify OD SG/OD **SECTION V - REQUIRED SIGNATURES** additional permits that must be attached to the hard copy of the permit. Obtain signatures from all applicable personnel as indicated to validate the conditions specified on the OD EMERGENCY CONTACTS: Enter emergency contact information. List Confined Space Rescue Team permit. Signatures should only be recorded after the joint job site visit has been completed. (if applicable) and their respective radio channels. J. EXACT LOCATION: Identify precisely where the permitted work is to be performed (i.e., unit area, SG/OD MPC Permit Writer: member of the MPC Owning Department who writes the permit. For nonequipment number, etc.). process related construction the Construction Manager or Construction Supervisors will act as the K. AUTHORIZED COMPANY/CONTRACTOR AND CRAFTS: Enter the name and craft of the company/ SG contractor being given authorization to perform the work. **MPC Owning Department Supervision/Designee:** MPC Owning Department's Supervision; SG/OD WORK DESCRIPTION: List the specific work description of the work being authorized by the permit. typically a Shift or Unit Supervisor. For non-process related construction the Construction Manager OD M. JOINT JOB SITE VISIT: Check to indicate if a joint job site visit is completed/required. All blue will act as the Owning Department Supervisor. lettered text items on permit must be considered prior to work. Permit User Representative: member of the servicing group who will be working N. POTENTIAL HAZARDS/CHEMICALS: Identify all potential hazards and/or chemicals that may be SG/OD from the permit or supervising the personnel working on the permit. encountered. **Permit User Supervisor/Designee:** the person to whom the servicing group directly reports. O. JOB SITE PREPARATION: Check the appropriate boxes to indicate which preparatory actions have OD MPC/Contractor Competent Person: MPC person or Contractor who can identify existing been taken to ensure that the equipment is ready for the work to be performed. Electricians should and predictable hazards in and around the excavation, and who has the authority to take prompt sign permit if performing a rack out or rack in. List any neutralizing chemicals used in the Potential and corrective measures to eliminate them. This person has also received specialized training to Hazards/Chemicals Section. identify hazards associated with excavations, shoring and trenching. *Intrinsically Safe Device: Electronic devices that are clearly identified as intrinsically safe with MPC Safety Representative: a MPC (or MPC directly supervised) Safety Professional. factory labeling as "Intrinsically Safe" or Explosion Proof" or labeled as approved for use in hazardous locations rated as Class I, Division I or II. Devices not identified as such will be treated **SECTION VI - ADDITIONAL SIGNATURES** SG as non-intrinsically safe, and are not allowed anywhere in the refinery except: roadways normally Obtain signatures from all Permit User Representatives who have personnel working under the permit. opened to traffic; office buildings, office trailers, warehouses, guard houses, maintenance shops, All companies, crafts, or crews working under this permit need to have a representative signed in this control rooms; external parking lots; and inside enclosed vehicles while the vehicle is stopped on section certifying that the requirements specified on the permit have been effectively communicated roadways normally opened to traffic or parking lots. to members of their respective company, craft, or work crew. Signatures are required after the joint job PERSONAL PROTECTIVE EQUIPMENT (PPE) & RELATED REQUIREMENTS: Check the appropriate site visit has been completed. SG/OD boxes to indicate which types of personal protective equipment must be worn in order for SECTION VII - RETURN OF EQUIPMENT/WORK AREA - JOB COMPLETENESS the job to be performed safely. Check multiple cartridge respirators if required (i.e. Multi-gas AND particulate to protect user from both hazards). Refer to the unit PPE matrix for specific Check the appropriate boxes to indicate the status of the job at the conclusion of the work permit. requirements, as applicable. SG/OD Indicate if the cleanup is completed. Indicate LOTO removal. Indicate whether there were problems associated with work or confined space entry and note any issues in the Debriefing Section at the bottom Q. PERSONAL PROTECTIVE EQUIPMENT (PPE) & RELATED REQUIREMENTS: Check the appropriate of this side of the permit. Obtain signatures from the servicing representative(s) and owning department boxes to indicate which types of personal protective equipment must be worn in order for the to certify that the permit has been terminated. Record the time of signatures. Archive the Work Permit job to be performed safely. Check multiple cartridge respirators if required (i.e. Multi-gas AND in accordance with the company's records retention policy. Account for any problems encountered. particulate to protect user from both hazards). The Owning Department can deny the returned area or equipment if the permit's hard copy was not OD **SECTION II - HOT WORK** returned, if proper housekeeping did not occur, or for other significant problems with the permit. Check the appropriate box to indicate the type of hot work to be performed and the fire prevention *When hot work is performed in a confined space utilizing cutting torches or inert gases, and the work is stopped and the space vacated for more than 15 minutes, the torches and hoses (oxygen, acetylene, propane, argon, etc.) must be removed or the hoses disconnected from the regulators **CONFINED SPACE ENTRANTS LOG** (Any supplemental logs must be turned in with Permit.) ☐ Additional Entrants Log was used. NAME **COMPANY** DATE IN OUT IN OUT OUT OUT OUT IN

- 1							1
- 1							
- 1							
- [

CONFINED SPACE ENTRY SUPERVISOR (Transfer of entry supervisor duties must be logged below.)

PRINT NAME	SIGNATURE	COMPANY	DATE	ON	OFF	ON	OFF	ON	OFF

FIRE WATCH, BOTTLE WATCH AND CONFINED SPACE ATTENDANT* Attendants: Identify any issues associated with work or confined space entry in the section below.

NAME	COMPANY	BOTTLE WATCH	FIRE WATCH	CONF. SPACE ATTENDANT	DATE	ON	OFF	ON	OFF	ON	OFF	ON	OFF

^{*}Confined Space Attendant to place signage over manways when no attendant is on duty.

SERVICING REPRESENTATIVE DEBRIEFING NOTES (If applicable, required for Confined Space Entries.)

- ☐ Attended hot work, fresh air work, or confined space entry never occurred during the permitted work scope. (List reasoning below.)
- ☐ Other problem encountered (Explain below.)

COMPANY/CRAFT	COMMENTS
	□ No problems encountered during entry

^{**}Fire watch verifies that he/she remained on-site or was replaced by another fire watch for 30 minutes after the last spark was thrown at any breaks, lunch, and at job's end.