

All Risk Levels are based on the Marathon Corporate Contractor Work Code Matrix and includes the Anacortes Site Requirements. Guests or contractors that do not fall into the state or local requirements may be considered exempt and/or require escorting.  **Use discretion reviewing this matrix as project or site specific measures and conditions may change the risk level and any variance (corporate or site) may be required to mitigate risk.			Corporate Requirement: ISN		Washington State Requirement: Advanced High Hazard Training			Marathon Anacortes: Contractor Site Requirements	
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#	Work Type	Non-Safety Sensitive	Safety Sensitive	8 hour class	8 hour class	4 hour class	15 Min. CBT	2 hour CBT/Onsite Speech & Badging	
1 Misc. Service Providers	Administrative Personnel (No field activities) Visitors only	X					X		
	Administrative Personnel (Field activities e.g. process areas, refinery units) - Required to get an annual badge		X					X	
	Business recovery services i.e. mobile workspace	X					X		
	Catering / Food Services (outside the restricted area)	X					X		
	Janitorial Services (outside the restricted area)	X					X		
	Janitorial Services (inside the restricted area)		X					X	
	Municipal Waste	X					X		
	Pest Control	X					X		
	Postal (e.g. FedEx, UPS, DHL, USPS, etc. <150 lbs.)	X					X		
	Software developers	X					X		
	Training content development and delivery.	X					X		
Vendors (i.e. water, vending machine, etc.)	X					X			
2	Aerial Services – Drone/Helicopter		X	X	X	X		X	
3	Boiler Systems - Installation / Maintenance / Repair		X	X	X	X		X	
4	Canopies/Awnings - Installation / Maintenance / Repair		X					X	
5	Cathodic Protection - Installation / Maintenance / Repair		X	X	X	X		X	
6	Civil Work								
	6.1	Asphalt Removal/Paving/Patching		X	X	X		X	
	6.2	Ground penetrating radar, Boring, Pile Driving		X	X	X		X	
	6.3	Pre-mix Concrete Delivery	X				X		
	6.4	Concrete Pouring/Pumping		X	X	X		X	
	6.5	Ditching/Dirt Work (Non-process area) (e.g. at grade, hand shoveling, graveling)	X					X	
	6.6	Ditching/Dirt Work (Process area) (i.e. not below original grade, hand shoveling)		X	X	X		X	
	6.7	Excavation/Trenching		X	X	X		X	
	6.8	Vacuum Excavation		X	X	X		X	
	6.9	Underground Sewer Work		X	X	X		X	
	6.10	Guard Rail Installation		X	X	X		X	
7	Compressors and Turbines								
	7.1	Installation Maintenance / Repair/ Overhaul		X	X	X		X	
	7.2	Troubleshooting without tools	X					X	
	7.3	Troubleshooting with tools		X	X	X		X	
8	Construction Management								
	8.1	Administrative (e.g. project controls)	X					X	
	8.2	Management or planning of construction or maintenance work activities (Directing work in process areas, e.g. refinery units)		X	X	X		X	
9	Consulting, Non-technical/non-engineering								
	9.1	Use of tools		X				X	
	9.2	No use of tools	X				X		
10	Contractor Operations of facilities embedded within the refinery footprint and/or marine terminal boundaries								
				X	X	X		X	
11	Conveyor System - Installation/Maintenance / Repair								
				X	X	X		X	
12	Crane Operations/Rigging Services								
				X	X	X		X	
13	Crane & Hoist Service								
				X	X	X		X	
14	Demolition and Salvage								
				X	X	X		X	
15	Door (Overhead) - Installation/Maintenance / Repair								
				X				X	
16	Elevator Installation / Inspection / Maintenance / Repair (process area)								
	16.1	Inspections	X				X		
	16.2	Install / Repair		X				X	
17	Electrical and Instrumentation Installation/Repair/Troubleshooting								
	17.1	Arc Flash Survey (On-Site)							
		17.1.1	Conducted without opening electrical equipment		X	X	X	X	
		17.1.2	Conducted with opening of electrical equipment		X	X	X	X	
	17.2	Arc Flash Survey (On-Site)							
		17.2.1	Energized		X	X	X	X	
		17.2.2	De-Energized		X	X	X	X	
	17.3	Energized Electrical Equipment Cleaning							
				X	X	X		X	
	17.4	Conduit and Lighting Installation / Repair							
				X	X	X		X	
	17.5	Machine Wiring							
				X	X	X		X	
	17.6	Overhead Utility Services							
				X	X	X		X	

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	17.7	<b>Plant Wiring</b>							
	18.7.1	High Voltage (240 and More)		X	X	X	X		X
	18.7.2	Low Voltage (240 and Less)		X	X	X	X		X
	17.8	Thermal Imaging		X					X
	17.9	Underground Utility Services		X	X	X	X		X
	17.10	Instrumentation inspection, repair, replacement		X	X	X	X		X
18	<b>Engineering and Consulting Services (Technical and non-technical)</b>								
	18.1	On-Site Services with use of tools		X					X
	18.2	On-Site Services no use of tools (process areas, e.g. refinery units)		X					X
	18.3	On-Site Services no use of tools (non-process areas)	X					X	
19	<b>Environmental</b>								
	19.1	Asbestos or Lead Abatement		X	X	X	X		X
	19.2	Degassing and Vapor Control		X	X	X	X		X
	19.3	Explosives		X	X	X	X		X
	19.4	Emissions Testing		X					X
	19.5	Geotechnical Services		X					X
	19.6	Remediation		X					X
	19.7	<b>Spill Cleanup</b>							
	19.7.1	Hazardous Materials		X	X	X	X		X
	19.7.2	Non - Hazardous Materials		X	X	X	X		X
	19.7.3	Management of Waste		X	X	X	X		X
20	<b>Erosion Control</b>								
	20.1	Rip Rap Installation		X					X
	20.2	Seeding, rocking and berm maintenance, silt fence		X					X
21	<b>Exchangers - Installation/Maintenance/Repair</b>								
	21.1	Bundle Extraction/ Corrosion Control / Electrochemical Cleaning		X	X	X	X		X
	21.2	Industrial Steel Cutting / Installations / Linings and Coatings		X	X	X	X		X
	21.3	Inspections, Troubleshooting, tube repairs (Onsite and Process areas)		X	X	X	X		X
	21.4	Tube Repairs		X	X	X	X		X
22	<b>Fence - Installation / Maintenance / Repair</b>								
				X					X
23	<b>Film Crew</b>								
			X					X	
24	<b>Fire Protection Systems and Equipment</b>								
	24.1	Inspection	X					X	
	24.2	Installation / Maintenance / Repair		X	X	X	X		X
25	<b>Fireproofing</b>								
				X	X	X	X		X
26	<b>Flare - Installation / Maintenance / Repair</b>								
				X	X	X	X		X
27	<b>Powered Industrial Trucks - Maintenance / Repair</b>								
	27.1	On Site Maintenance / Repairs		X					X
	27.2	Off Site Maintenance / Repair	X					X	
28	<b>Generators (Portable and Fixed)</b>								
	28.1	On-Site Maintenance / Repair		X					X
	28.2	Off-Site Maintenance / Repair	X					X	
29	<b>Heavy Equipment (e.g. Fire Apparatus, Cranes, Dozers, Track hoes, Backhoes)</b>								
	29.1	On-Site Maintenance / Repair		X					X
	29.2	Off-Site Maintenance / Repair	X					X	
30	<b>Hot Tap</b>								
				X	X	X	X		X
31	<b>HVAC</b>								
	31.1	System installation and maintenance		X					X
	31.2	Diagnostics, testing, sampling and survey	X					X	
32	<b>Hydro blast</b>								
				X	X	X	X		X
33	<b>Hydrostatic Testing</b>								
				X	X	X	X		X
34	<b>Inspection Services - Non-destructive testing (e.g. Ultrasonic, X-ray, Mag Particle)</b>								
	34.1	Hands on		X	X	X	X		X
	34.2	No hands-on	X					X	
35	<b>IT System Work</b>								
	35.1	Computer (Non-process area)	X					X	
	35.2	DCS or Installation/maintenance of lines or equipment requiring use of hand/powerful tools or work at elevation >4 ft.		X					X
36	<b>Laboratory Services</b>								
	36.1	On-Site Services (Process area)		X					X

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36.2	Off-Site Services/Sample pick-up by outside lab (Non-process area)	X					X		
37	Line Locating		X					X	
38	Liquid Product Transfers (not related to truck or rail transportation)		X	X	X	X		X	
39	Machine Shop work on-site		X	X	X	X		X	
40	Marine Services - (Work on the water and dock side) - (Diving, boom maintenance/deployment, chiksan maintenance and similar)		X					X	
41	<b>Meters</b>								
	41.1	<b>Maintenance/Repair</b>							
	41.1.1	Online Pressurized		X	X	X		X	
	41.1.2	Offline Depressurized		X	X	X		X	
	41.2	Proving/Calibration		X	X	X		X	
42	<b>Mowing and Ground Care / Maintenance</b>								
	42.1	Landscaping, not involving Excavation activities	X				X		
	42.2	Irrigation Systems (Installation and Repair)		X				X	
	42.3	Mowing	X				X		
	42.4	Tree Trimming/Clearing and Wood Grinding (e.g. large limbs with chain saw)		X				X	
	42.5	Weed Control (process areas, e.g. refinery unit)		X				X	
	42.6	Weed Control (non-process areas)	X				X		
43	<b>Office Building</b>								
	43.1	Elevator inspection/installation/repair		X				X	
	43.2	Elevator inspection	X				X		
	43.3	Carpentry - Finishing		X			X		
	43.4	Epoxy and Other Polymer Flooring		X			X		
	43.5	Floor Covering		X			X		
	43.6	Interior Design	X				X		
	43.7	Furniture installation	X				X		
	43.8	Plumbing - Maintenance	X				X		
	43.9	Working at Elevated Areas		X				X	
44	<b>Oil Spill Response Organization (OSRO)</b>		X				X		
45	<b>Painting / Coating</b>								
	45.1	Sandblasting		X	X	X		X	
	45.2	Working at elevated locations		X	X	X		X	
	45.3	Working at Non-elevated locations		X	X	X		X	
	45.4	Road striping/markings		X				X	
46	<b>Personnel Transportation onsite</b>			X				X	
47	<b>Plumbing Construction/Industrial</b>			X	X	X		X	
48	<b>Trucking/Transportation Services</b>								
	48.1	Pick-up and Delivery Driver	X				X		
	48.2	General Freight (>150 lbs. - LTL, TL, Flatbeds)	X				X		
	48.3	Oversized/Heavy Materials	X				X		
	48.4	Dry bulk/Pet Coke	X				X		
	48.5	Finished motor, jet, & diesel fuels	X				X		
	48.6	Refined petroleum products	X				X		
	48.7	Crude oil transport	X				X		
	48.8	Chemicals requiring driver connections		X				X	
	48.9	Waste – Non-Hazardous (general office trash/municipal waste)	X				X		
	48.10	Waste – Hazardous		X			X		
	48.11	Waste - Other DOT or specially regulated waste (includes asbestos, universal waste, etc.)		X			X		
	48.12	Vacuum Truck Services		X	X	X		X	
	48.13	Hauling - Water Trucks/Hauling	X				X		
	48.14	Fresh Water Hauling	X				X		
	48.15	Delivery/pick-up only (no hook-up) of portable tanks and roll-off bins	X				X		
49	<b>Railroad Services</b>								
	49.1	Class I railroads performing common carrier/transportation functions	X				X		
	49.2	Industry owned track repair/maintenance & construction services		X			X		
	49.3	Locomotive - Inspection, Maintenance / Repair		X			X		
	49.4	Movement and Spotting Activities		X			X		

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	49.5	Railcar Inspection, Maintenance & Repair		X				X	
	49.6	Contracted Switching Operations (other than Class I railroad)		X	X	X		X	
	49.7	Railcar Leasing Services	X				X		
50	Refrigeration Equipment Repair and Maintenance		X	X	X	X		X	
51	Road Dust Control		X					X	
52	Roofing		X	X	X	X		X	
53	Safety & Health Services / Staffing								
	53.1	Confined Space Entry / Rescue / Fire Watch		X	X	X		X	
	53.2	Ergonomic Assessments (Industrial)		X				X	
	53.3	Ergonomic Assessments and installations (Office)	X				X		
	53.4	Industrial Hygiene Monitoring (Process area)		X				X	
	53.5	Safety Supervisor/coordinator		X	X	X		X	
	53.6	Industrial Hygiene Services (Off-Site)	X					X	
54	Scaffolding (Installation / Erection / Inspection / Disassembly)		X	X	X	X		X	
55	Scales								
	55.1	Installation		X				X	
	55.2	Weighing and Instrument Repairs and Calibration		X				X	
56	Security								
	56.1	Security System Installations		X				X	
	56.2	Traffic Control/Gate Guarding at or outside of the fence line.	X					X	
	56.3	Traffic Control/Gate Guarding and other related activities which require access into the property. e.g. foot and vehicle patrols, use of canines.		X				X	
57	Septic System (Fixed or Portable)								
	57.1	Installation/Maintenance/Repair		X				X	
	57.2	Septic System Waste Pick-up	X				X		
58	Signs								
	58.1	Installation /Maintenance / Repair (>4ft)		X				X	
	58.2	Installation /Maintenance / Repair hand tools only at grade	X					X	
59	Steel Erection and Assembly		X	X	X	X		X	
60	Structural Repair		X	X	X	X		X	
61	Surveying								
	61.1	Boundary / Topographic		X				X	
	61.2	Leak Detection and Repair		X				X	
62	Tanks								
	62.1	Cleaning							
		62.1.1	Internal Work		X	X	X		X
		62.1.2	External Work		X	X	X		X
	62.2	Construction		X	X	X		X	
	62.3	Gauging		X				X	
	62.4	Linings and Coatings							
		62.4.1	External Work or Internal Work		X	X	X		X
	62.5	Maintenance / Repair							
		62.5.1	Internal Work		X	X	X		X
		62.5.2	External Work		X	X	X		X
62.6	Sampling / Strapping		X					X	
63	Tire Repair								
	63.1	On-Site heavy equipment		X				X	
64	Towers/Vessels								
	64.1	Vessel Construction/Repair/Maintenance		X	X	X		X	
65	Valve Repair / Installation / Maintenance								
	65.1	In-Service / In-Line		X	X	X		X	
	65.2	Out of Service		X	X	X		X	
	65.3	Maintenance Online (Pressurized)		X	X	X		X	
	65.4	Maintenance Offline (Depressurized)		X	X	X		X	
66	Welding								
	66.1	On In-Service / In-Line / Near Flammable Materials		X	X	X		X	
	66.2	Shop Fabrication / Fabrication Areas (Safe Areas)		X	X	X		X	

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67	<b>Well Drilling Services</b>							
	67.1	Casing Running	X	X	X	X		X
	67.2	Cementing	X	X	X	X		X
	67.3	Drilling Fluids	X	X	X	X		X
	67.4	General Hauling	X	X	X	X		X
	67.5	Reverse Units	X	X	X	X		X
	67.6	Roustabout Services	X	X	X	X		X
	67.7	Water Well Services- Hauling/Drilling	X	X	X	X		X
	67.8	Work over/Drilling Rig	X	X	X	X		X
	67.9	Flow line repairs (Steel above ground), well head tie ins, insulation (no digging or hot work)	X	X	X	X		X
68	<b>Window Cleaning</b>							
	68.1	Internal (<4ft elevation)	X				X	
	68.2	External or internal over 4ft.		X				X
69	<b>Wild/Domestic Animal Removal</b>							
			X					X