



**Gulf of Mexico
On-Site Contractors
Training Matrix
(X = Required)**

**Revision 13
February 24, 2014**

No		Job Title(s) Frequency in Yrs (0=One Time)		Core Training Requirements (Required for all Personnel)						Non-Core Training Requirements Specific To Job Title																			
				Job Specific Skills and Knowledge Verification Assessment: All employees must have adequate skills and knowledge to perform their assigned job duties in a safe and compliant manner. This must be reviewed annually, or as job duties change. Supporting documentation must be maintained on file for each employee. Offshore Safety Awareness Training (SafeGulf or Equivalent) Shall include the following: Accident Prevention Signs & Tags, Back Safety, Confined Space, Bloodborne Pathogens, Drug & Alcohol, Electrical Safety, Fall Protection, Fire Prevention & Extinguishers, Hand Safety, Hazwoper First Responder Awareness, Hearing Conservation, Hazard Communication, Incident Reporting & Investigation, Lockout/Tagout, Permitting, PPE, Walking Working Surfaces, JSA (Job Safety Analysis), Stop Work Authority. Apache Offshore Safety Orientation & Safe Work Practices Video (Revision 2011) Marine Trash and Debris (NTL No. 2002 - G13) Water Survival HUET (Only basic water survival required for vessel crews & divers)						Classroom, Instructor Led, CBT, In-House, Etc.												Hands-On Practical Skills Required							
										Arc Flash Training (NFPA70E)	Asbestos Training (OSHA 1910.1001)	Confined Space Entry (OSHA 1910.146) Attendant, Entrant and/or Rescue (As Applicable)	Electrical Qualified Person (OSHA 1910.332)	Fire Prevention & Control	Hazardous Material Shipping 49 CFR 172.704 (Part 175, 176 and/or 177 Transportation Mode)	Hazwoper Refresher 8Hr (OSHA 1910.120)	Hazwoper Level 24Hr (OSHA 1910.120)	Hazwoper Level 40Hr (OSHA 1910.120)	NORM Training (State/Federal Requirements)	Piping & Vessel Isolation Procedures	Production Safety Systems (30 CFR Subpart O)	Respiratory Protection (OSHA 1910.134)	Scaffolding (OSHA 1910.28)	Well Control or Well Servicing (30 CFR Subpart O) Training level determined by company plan	Air Monitoring / Gas Detectors	Crane Inspector (API-RP-2D Latest Edition)	Crane Operator (API-RP-2D Latest Edition)	Fall Protection Including Rescue Planning (OSHA 1926.500) and/or SPRAT Training	Fire Fighting - Incipient (OSHA 1910.157) Initial & Every 5 Years
		1	0	0	1	5	0	0	1	0	2	3	1	0	0	0	0	3	1	0	2	0	4	4	4	5	2	4	
1	Account Manager (Onsite Observation Only)	X	X	X	X	X																							
2	Anchor Handler/Operator	X	X	X	X	X				X															X	X		X	
3	Asbestos Abatement Worker	X	X	X	X	X		X										X							X				
4	Barge - Crawler Crane Operator (OSHA 1910.180 & 1926.550 ASME B30.5 in Lieu of API RP 2D)	X	X	X	X	X																		X				X	
5	Barge - Deck Crane Operator	X	X	X	X	X																		X				X	
6	Barge - Domestic/Galley Staff	X	X	X	X	X																							
7	Barge - Foreman	X	X	X	X	X					X														X	X	X	X	
8	Barge - Laborer/Rigger	X	X	X	X	X					X														X	X		X	
9	Barge - Leaderman	X	X	X	X	X					X														X	X	X	X	
10	Barge - Oiler	X	X	X	X	X					X														X	X		X	
11	Barge - Superintendent	X	X	X	X	X					X														X	X	X	X	
12	Blasting Crew - Sand	X	X	X	X	X					X								X	X					X	X		X	
13	Blasting Crew - Water	X	X	X	X	X					X									X					X	X		X	
14	Carpenter	X	X	X	X	X					X														X	X		X	
15	Casing Crew	X	X	X	X	X					X														X	X		X	
16	Casing Crew Supervisor	X	X	X	X	X					X														X	X		X	
17	Chemical Technician	X	X	X	X	X					X	X													X	X			
18	Clerk	X	X	X	X	X						X															X		
19	Communications Technician	X	X	X	X	X																			X			X	
20	Compliance/Regulatory Auditors	X	X	X	X	X																							
21	Construction Supervisor	X	X	X	X	X					X	X													X	X	X	X	
22	Consultant - Construction	X	X	X	X	X					X	X													X	X	X	X	
23	Consultant - Subsea Supervisor	X	X	X	X	X																							
24	Consultant - Diving	X	X	X	X	X						X															X	X	
25	Consultant - Drilling	X	X	X	X	X					X	X										X				X	X		X



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		1	0	0	1	5	0	0	1	0	2	3	1	0	0	0	0	3	1	0	2	0	4	4	4	5	2	4
26	Consultant - Platform/Pipeline Decom	X	X	X	X	X				X	X						X								X	X	X	X
27	Consultant - Well Plug & Abandonment	X	X	X	X	X				X	X						X			X					X	X	X	X
28	Consultant - Wellwork	X	X	X	X	X				X	X						X			X					X	X		X
29	Control Systems Technician - PLC, Programmer	X	X	X	X	X				X								X										
30	Corrosion Technician	X	X	X	X	X				X															X	X		X
31	Crane Inspector/Mechanic	X	X	X	X	X				X													X	X	X	X		X
32	Crane Inspector/Mechanic Helper	X	X	X	X	X				X														X	X	X		X
33	Crane Operator	X	X	X	X	X																		X				X
34	Crane Rigger	X	X	X	X	X				X															X	X		X
35	Cutting Technician (Decom Mechanical or Abrasive)	X	X	X	X	X															X				X			X
36	Designer - Piping	X	X	X	X	X																			X			
37	Designer - Structural	X	X	X	X	X																			X			
38	Dive Superintendent	X	X	X	X	X																						X
39	Dive Technician (LST/SAT)	X	X	X	X	X																						X
40	Dive Tender	X	X	X	X	X																						X
41	Diver	X	X	X	X	X																						X
43	Domestic Services - Catering, Janitorial	X	X	X	X	X																						
43	Electrician - ArcFlash, Med/High Voltage	X	X	X	X	X	X			X	X							X							X	X		X
44	Electrician - Construction	X	X	X	X	X				X	X														X	X		X
45	Electrician - Helper	X	X	X	X	X				X	X														X	X		X
46	Electrician - Platform or Facility	X	X	X	X	X				X	X							X							X	X		X
47	Electrician - Portable Generators, Light Plants	X	X	X	X	X				X																		X
48	Electronic Technician - Contractor Equipment Only	X	X	X	X	X				X	X														X	X		X
49	Engineers	X	X	X	X	X																						
50	Explosive Technician	X	X	X	X	X						X										X			X			X
51	Fire Fighting Equipment Technician	X	X	X	X	X					X														X	X		X



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		1	0	0	1	5	0	0	1	0	2	3	1	0	0	0	0	3	1	0	2	0	4	4	4	5	2	4					
52	Fire Watch	X	X	X	X	X					X															X			X	X	X	X	
53	FRAC - Supervisor	X	X	X	X	X					X																		X	X		X	
54	FRAC - Technician	X	X	X	X	X					X																		X	X		X	
55	Gas Sampler Technician	X	X	X	X	X						X																					
56	Geologist	X	X	X	X	X																											
57	Glycol Technician	X	X	X	X	X					X																		X	X			
58	H2S Technician	X	X	X	X	X			X		X														X			X	X	X	X		
59	HVAC Services Technician	X	X	X	X	X				X	X																	X	X		X		
60	Hydraulics Technician	X	X	X	X	X					X																	X	X		X		
61	Hydrostatic Test Technician	X	X	X	X	X					X																	X	X		X		
62	Inspector - Blasting (Sand or Water)	X	X	X	X	X					X									X								X	X		X		
63	Inspector - Paint	X	X	X	X	X					X								X									X	X		X		
64	Instrument Technician - Electrical	X	X	X	X	X				X	X							X										X	X		X		
65	Instrument Technician - Fire Detection Systems	X	X	X	X	X					X							X										X	X		X		
66	Instrument Technician - Fitter (Pneumatic)	X	X	X	X	X					X																	X	X		X		
67	Instrument Technician - Gas/H2S Detection Systems	X	X	X	X	X					X							X										X	X		X		
68	Instrument Technician - Pneumatic Systems	X	X	X	X	X					X							X										X	X		X		
69	Insulator - Piping, Vessel, Building, etc.	X	X	X	X	X					X																	X	X		X		
70	IT - Computer	X	X	X	X	X																											
71	Lead Abatement Worker	X	X	X	X	X																						X			X		
72	Life Saving Equipment Technician	X	X	X	X	X					X																	X	X		X		
73	Logistics - Coordinator/Dispatcher	X	X	X	X	X						X																					
74	Logistics - Dockside Service Personnel	X	X	X	X	X																											X
75	Marine Sanitation Technician	X	X	X	X	X			X	X																		X			X		
76	Measurement Technician	X	X	X	X	X				X	X																	X	X		X		
77	Mechanic - Crew 7&7 (Power Train)	X	X	X	X	X					X							X										X	X		X		



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		1	0	0	1	5	0	0	1	0	2	3	1	0	0	0	0	3	1	0	2	0	4	4	4	5	2	4
104	Rig (Drilling/Workover) - Able Body Seaman (ABS)	X	X	X	X	X					X															X	X	X
105	Rig (Drilling/Workover) - Ballast Control Operator (BCO)	X	X	X	X	X					X															X	X	X
106	Rig (Drilling/Workover) - Barge Supervisor	X	X	X	X	X					X														X	X	X	X
107	Rig (Drilling/Workover) - BOP Service Technician	X	X	X	X	X					X														X	X		X
108	Rig (Drilling/Workover) - Bosun	X	X	X	X	X					X														X	X	X	
109	Rig (Drilling/Workover) - Control Room Operator (CRO)	X	X	X	X	X					X														X	X		X
110	Rig (Drilling/Workover) - Crane Operator	X	X	X	X	X					X													X	X	X		X
111	Rig (Drilling/Workover) - Crew (Drillers, Derrickhands, Floorhands)	X	X	X	X	X					X										X				X	X		X
112	Rig (Drilling/Workover) - Deck Foreman	X	X	X	X	X					X													X	X	X		X
113	Rig (Drilling/Workover) - Mate / DPO	X	X	X	X	X					X														X	X	X	
114	Rig (Drilling/Workover) - Rig/Derrick Builder	X	X	X	X	X																			X			X
115	Rig (Drilling/Workover) - Electrician	X	X	X	X	X				X	X														X	X		X
116	Rig (Drilling/Workover) - Electronic Technician (Working with maximum of 50 Volts)	X	X	X	X	X					X														X	X		X
116	Rig (Drilling/Workover) - Hydraulic Technician	X	X	X	X	X					X														X	X		X
118	Rig (Drilling/Workover) - Instrument Technician (PSST not Required)	X	X	X	X	X					X														X	X		X
119	Rig (Drilling/Workover) - Maintenance Supervisor	X	X	X	X	X					X														X	X		X
120	Rig (Drilling/Workover) - Master/Captain	X	X	X	X	X					X														X	X	X	X
121	Rig (Drilling/Workover) - Mechanic	X	X	X	X	X					X														X	X		X
122	Rig (Drilling/Workover) - Motorman	X	X	X	X	X					X														X	X		X
123	Rig (Drilling/Workover) - Mud Engineer / Cementing	X	X	X	X	X					X															X		
124	Rig (Drilling/Workover) - MWD/LWD/Directional Driller	X	X	X	X	X					X															X		
125	Rig (Drilling/Workover) - OIM	X	X	X	X	X					X										X				X	X	X	X
126	Rig (Drilling/Workover) - Ordinary Seaman	X	X	X	X	X					X															X	X	X



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		1	0	0	1	5	0	0	1	0	2	3	1	0	0	0	0	3	1	0	2	0	4	4	4	5	2	4	
127	Rig (Drilling/Workover) - Power Swivel/Torque Operator	X	X	X	X	X					X															X	X		X
128	Rig (Drilling/Workover) - Power Tong Operator	X	X	X	X	X					X															X	X		X
129	Rig (Drilling/Workover) - Radio Operator	X	X	X	X	X																				X			X
130	Rig (Drilling/Workover) - Rig Engineer	X	X	X	X	X					X															X	X		X
131	Rig (Drilling/Workover) - Rig Mover	X	X	X	X	X																							
132	Rig (Drilling/Workover) - Roustabout	X	X	X	X	X					X														X	X		X	
133	Rig (Drilling/Workover) - Safety Representative	X	X	X	X	X			X	X	X								X		X				X	X	X	X	
134	Rig (Drilling/Workover) - Solids Control/Filtration	X	X	X	X	X					X															X			X
135	Rig (Drilling/Workover) - Storekeeper	X	X	X	X	X						X																	
136	Rig (Drilling/Workover) - Subsea Engineer	X	X	X	X	X					X										X				X	X		X	
137	Rig (Drilling/Workover) - Supervisor	X	X	X	X	X					X										X				X	X	X	X	
138	Rig (Drilling/Workover) - Tool Pusher	X	X	X	X	X					X										X				X	X	X	X	
139	Rotating Equipment Analyst	X	X	X	X	X																							
140	Roustabout / Rigger	X	X	X	X	X					X														X	X		X	
141	ROV Maintenance Technician	X	X	X	X	X																							
142	ROV Operator (May require Well Control Supervision where applicable)	X	X	X	X	X																							
143	Rope Access Technician	X	X	X	X	X					X														X	X		X	
144	Safety Representative	X	X	X	X	X			X	X	X						X		X		X			X	X	X	X	X	
145	Scaffolding - Crew	X	X	X	X	X					X									X					X	X		X	
146	Scaffolding - Supervisor (Competent Person)	X	X	X	X	X					X								X						X	X		X	
147	Survey Crew	X	X	X	X	X																							
148	Survey Supervisor	X	X	X	X	X																							
149	Survival Craft Technician	X	X	X	X	X					X														X	X		X	
150	Tank & Vessel Cleaning/Repair Crew	X	X	X	X	X			X	X	X								X					X	X	X	X	X	
151	Tank & Vessel Cleaning/Repair Supervisor	X	X	X	X	X			X	X	X								X					X	X	X	X	X	



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											Arc Flash Training (NFPA70E)	Asbestos Training (OSHA 1910.1001)	Confined Space Entry (OSHA 1910.146) Attendant, Entrant and/or Rescue (As Applicable)	Electrical Qualified Person (OSHA 1910.332)	Fire Prevention & Control	Hazardous Material Shipping 49 CFR 172.704 (Part 175, 176 and/or 177 Transportation Mode)	Hazwoper Refresher 8Hr (OSHA 1910.120)	Hazwoper Level 24Hr (OSHA 1910.120)	Hazwoper Level 40Hr (OSHA 1910.120)	NORM Training (State/Federal Requirements)	Piping & Vessel Isolation Procedures	Production Safety Systems (30 CFR Subpart O)	Respiratory Protection (OSHA 1910.134)	Scaffolding (OSHA 1910.28)	Well Control or Well Servicing (30 CFR Subpart O) Training level determined by company plan	Air Monitoring / Gas Detectors	Crane Inspector (API-RP-2D Latest Edition)	Crane Operator (API-RP-2D Latest Edition)	Fall Protection Including Rescue Planning (OSHA 1926.500) and/or SPRAT Training
		1	0	0	1	5	0	0	1	0	2	3	1	0	0	0	0	3	1	0	2	0	4	4	4	5	2	4	
152	Torque & Testing Crew	X	X	X	X	X					X															X	X		X
153	Torque & Testing Supervisor	X	X	X	X	X					X															X	X		X
154	Valve Technician	X	X	X	X	X					X							X								X	X		X
155	Valve Technician Helper	X	X	X	X	X					X							X								X	X		X
156	Vessel - Able Body Seaman (M/V or L/B)	X	X	X	X	X					X															X	X		X
157	Vessel - Captain (M/V or L/B)	X	X	X	X	X					X															X	X		X
158	Vessel - Deckhand (M/V or L/B)	X	X	X	X	X					X															X	X		X
159	Vessel - Domestic/Galley Staff (M/V or L/B)	X	X	X	X	X					X															X	X		
160	Vessel - Engineer (M/V or L/B)	X	X	X	X	X					X															X	X		X
161	Vessel - Mate (M/V or L/B)	X	X	X	X	X					X															X	X		X
162	Vessel - Officer (M/V or L/B)	X	X	X	X	X					X															X	X		X
163	Vessel - Oiler (M/V or L/B)	X	X	X	X	X					X															X	X		X
164	Vessel - Tankerman	X	X	X	X	X					X		X	X												X	X		X
165	Water Draw Technician	X	X	X	X	X																							
166	Wellhead Technician	X	X	X	X	X					X															X	X		X
167	Welder - Confined Space	X	X	X	X	X			X		X							X	X			X				X	X		X
168	Welder - Helper	X	X	X	X	X					X							X				X				X	X		X
169	Welder - Piping/Vessel	X	X	X	X	X					X							X				X				X	X		X
170	Welder - Structural	X	X	X	X	X					X							X				X				X	X		X
171	Welder - Supervisor	X	X	X	X	X					X							X				X				X	X		X
172	Well Work - Coil Tubing Crew	X	X	X	X	X					X										X					X	X		X
173	Well Work - Coil Tubing Helper	X	X	X	X	X					X															X	X		X
174	Well Work - Coil Tubing Supervisor	X	X	X	X	X					X										X					X	X		X
175	Well Work - Data Collection Technician	X	X	X	X	X					X															X			X
176	Well Work - Deepwater Well Supervisor	X	X	X	X	X															X								
177	Well Work - Downhole Tool Technician	X	X	X	X	X					X															X	X		X



**Gulf of Mexico
On-Site Contractors
Training Matrix
(X = Required)**

**Revision 13
February 24, 2014**

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		1	0	0	1	5	0	0	1	0	2	3	1	0	0	0	0	3	1	0	2	0	4	4	4	5	2	4
178	Well Work - Electrical Submersible Pump Technician	X	X	X	X	X	X			X	X															X		X
179	Well Work - Fishing Tool Technician	X	X	X	X	X					X															X	X	X
180	Well Work - Gas Lift Technician	X	X	X	X	X					X															X	X	X
181	Well Work - IWOCS Technician	X	X	X	X	X					X															X	X	X
182	Well Work - P & A Crew	X	X	X	X	X					X										X					X	X	X
183	Well Work - P & A Helper	X	X	X	X	X					X															X	X	X
184	Well Work - P & A Supervisor	X	X	X	X	X					X										X					X	X	X
185	Well Work - Perforator	X	X	X	X	X					X	X														X	X	X
186	Well Work - Snubbing Crew	X	X	X	X	X					X										X					X	X	X
187	Well Work - Snubbing Helper	X	X	X	X	X					X															X	X	X
188	Well Work - Snubbing Supervisor	X	X	X	X	X					X										X					X	X	X
189	Well Work - Surface Tool Tech. (ie: Cement Head)	X	X	X	X	X					X															X	X	X
190	Well Work - Well Testing Crew	X	X	X	X	X					X							X								X	X	X
191	Well Work - Well Testing Helper	X	X	X	X	X					X															X	X	X
192	Well Work - Wire Line Crew	X	X	X	X	X					X										X					X	X	X
193	Well Work - Wire Line Helper	X	X	X	X	X					X															X	X	X
194	Well Work - Wire Line Pipe Recovery Crew	X	X	X	X	X					X															X	X	X
195	Well Work - Wire Line Supervisor	X	X	X	X	X					X										X					X	X	X