

Role:	D05 – Surface Supplied Diver	Name:		Start Date in Current Role:	
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Self-Assessment Checklist

Entry Level Criteria	Acceptance Criteria	Attained
Completed diver training to IMCA-recognised air diver qualification	Valid training/competence certificate	
Passed medical examination for fitness to dive	Current valid medical certificate	
Passed offshore survival course suitable for geographical area of work	Current valid certificate	
Completed first aid training to required standard	Current valid certificate	
<u>OR</u>		
Completed diver medic training		
Completed employer company familiarisation	Signed logbook confirming completion	
<i>For inspection work only:</i> Holds qualification following examination for the appropriate level of inspection	Current valid certificate for appropriate level	

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D05/000/01 – Safety						
<ul style="list-style-type: none"> ◆ Personal safe working practices and safety procedures on-board the vessel and/or installation ◆ All relevant legislation and guidance ◆ Company safety management system ◆ Factors which affect the safety and security of the dive team ◆ Dive system operation ◆ Relevant emergency procedures ◆ Risk assessment principles and procedures ◆ Permit to work procedures ◆ Safety planning related to the preparation of diving project plans and project emergency response plans ◆ HSE inductions, meetings and training procedures ◆ Management of change procedures ◆ Company hazard observation system 	◆ Perform functions in ways which maintain the safety and security of the dive team and others					
	◆ Work in accordance with company safety management systems					
	◆ Prepare for and carry out emergency procedures and drills					
	◆ Participate actively in safety briefings					
	◆ Contribute to risk assessments for all safety critical areas					
	◆ Perform all activities so as to ensure safe continuity of work					
	◆ Participate in: <ul style="list-style-type: none"> – HSE, project and vessel inductions – HSE meetings – training courses, briefings, etc. 					

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D05/000/02 – Surface supplied operations						
<ul style="list-style-type: none"> ◆ Overall dive system configuration ◆ Gas resources and mixtures ◆ Company procedures ◆ Project/operational procedures and plans ◆ Diving operations from dynamic positioning (DP) vessels ◆ Workplace and environment conditions ◆ Charging cylinders and awareness of associated hazards ◆ Dive plans ◆ Dive tables, including surface decompression procedures (if applicable) ◆ Analyser calibration procedures ◆ Operation of launch and recovery systems (LARS) ◆ Wet bell diver hot water system ◆ Diver hot water system ◆ Dress in divers ◆ Deployment and recovery of divers ◆ Transfer under pressure procedures and hazards (if applicable) ◆ Lost diver/wet bell/basket procedures ◆ Active tending of surface divers' lines ◆ Dive tables 	<ul style="list-style-type: none"> ◆ Operate hardware systems and follow company procedures in support of surface supplied diving operations 					

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D05/000/03 – Wet bell operations						
<ul style="list-style-type: none"> ◆ Deployment and recovery from and to a wet bell ◆ Wet bell panel operation ◆ Emergency onboard air/gas access procedures ◆ IMCA guidelines contained in IMCA D 030 – Surface supplied mixed gas diving operations – and IMCA D 037 – DESIGN for surface supplied mixed gas diving systems 	◆ Deploy from and recover to a wet bell					
	◆ Operate wet bell panel					
	◆ Access emergency on-board air/gas					
D05/000/04 – Decompression						
<ul style="list-style-type: none"> ◆ Function and operations of a decompression chamber ◆ Internal/external chamber checks ◆ Dive tables, including surface decompression procedures ◆ Therapeutic decompression tables 	◆ Operate a decompression chamber					
	◆ Carry out internal/external chamber checks					
	◆ Use dive tables					
	◆ Carry out surface decompression					
	◆ Follow therapeutic decompression tables					

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D05/000/05 – Diver recovery						
<ul style="list-style-type: none"> ◆ Recovery procedures to recover diver to the dive basket or wet bell ◆ CPR/EAR procedures and techniques 	◆ Participate in diving drills					
	◆ Perform recovery procedures					
	◆ Perform CPR/EAR in wet bell					
	◆ Prepare basket/wet bell for leaving bottom					
D05/000/06 – Diver emergency						
<ul style="list-style-type: none"> ◆ Project emergency and contingency plans ◆ Fire and emergency drills relating to vessel-installation/systems/chambers ◆ Procedures for: <ul style="list-style-type: none"> – loss of pressure in a diving decompression chamber (DDC) – emergency chamber abort – loss of communications/wet bell power/hot water supply – loss of wet bell wire/umbilical/guide wire – loss of basket wire/guide wire – lost/trapped wet bell – fire hazards/incidents – loss of air/gas – system failures, i.e. winch/compressor – trapped/incapacitated diver procedures – loss of dive platform position 	◆ Follow project emergency and contingency plans					
	◆ Participate in all diving emergency drills and in-house familiarisation					
	◆ Respond appropriately to a diving emergency					
	◆ Operate emergency and back-up systems					

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D05/000/07 – Umbilical management and tending						
<ul style="list-style-type: none"> ◆ Principles of safe umbilical management including active tending ◆ Identification of hazards ◆ Maximum diver umbilical lengths ◆ Excursion umbilical safety 	◆ Identify hazards to umbilical safety					
	◆ Manage divers' umbilicals					
D05/000/08 – Marine activities						
<ul style="list-style-type: none"> ◆ DP systems and diving from DP vessels, including: <ul style="list-style-type: none"> – surface orientated diving from DP vessels (ref. IMCA D 010 – Diving operations from vessels operating in dynamically positioned mode) – pre-dive briefing – umbilical safety – diving in anchor patterns as outlined in IMCA D 010 – DP operations with reference to shallow water diving ◆ Conventional mooring systems and diving from conventionally moored vessels, including: <ul style="list-style-type: none"> – isolation of thrusters and other dangerous parts of ships – station keeping and moored systems ◆ Marine safety principles ◆ Permit to work ◆ Minimum operating clearances ◆ Position references ◆ Mooring line adjustments and identification ◆ Small boat handling 	◆ Dive safely within vessel-specific manoeuvring/positioning restrictions					
	◆ Dive safely from large vessels and small boats					

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D05/000/09 – Project activities						
<ul style="list-style-type: none"> ◆ Dive project plan and work procedures ◆ Dive plans ◆ Project equipment operating procedures 	<ul style="list-style-type: none"> ◆ Deliver project performance requirements in accordance with diving project plan 					
	<ul style="list-style-type: none"> ◆ Execute dive plan activities safely and effectively 					
D05/000/10 – Tools and equipment						
<ul style="list-style-type: none"> ◆ Safe operation of the following tools: <ul style="list-style-type: none"> – lifting equipment (cranes, slings, shackles, tirlfors and chain hoists) – oxy-arc/thermal cutting equipment – HP water jetting equipment – grit blasting equipment – bolt tensioning equipment – hydraulic impact guns – hydraulic grinders – air lift bags – air lift/dredging equipment – mattress handling equipment – metrology equipment ◆ Lift planning/rigging/sliding 	<ul style="list-style-type: none"> ◆ Ensure that all tools and subsea project equipment are maintained, stored and used in accordance with company requirements 					
	<ul style="list-style-type: none"> ◆ Safely operate all tools and subsea project equipment in accordance with company requirements 					

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D05/000/11 – Personal skills and communication						
<ul style="list-style-type: none"> ◆ Principles relating to engagement in company safety culture ◆ Principles of team working, co-operation and co-ordination ◆ Communication protocols required for individual and team safety ◆ Importance of personnel identifying and speaking out about safety concerns ◆ Principles of an open reporting culture ◆ Adverse consequences of inappropriate behaviours in hazardous working environments 	◆ Engage personally with safety principles and culture					
	◆ Communicate effectively with dive supervisor, divers, marine personnel and deck crew					
	◆ Engage actively in handovers, safety briefings, improvement projects coaching, etc.					
	◆ Perform job functions in ways which promote team working, trust and co-operation with colleagues and supervisors					
	◆ Identify and raise issues of concern calmly and assertively					
D05/000/12 – Nitrox related safety						
<ul style="list-style-type: none"> ◆ Relevant legislation and guidance ◆ Safe handling of nitrox and oxygen ◆ Maximum ppO₂ limits ◆ Effects of oxygen toxicity ◆ Importance of oxygen cleaning ◆ Importance of maintaining oxygen clean systems ◆ Charging nitrox cylinders 	◆ Perform functions in ways which maintain the safety and security of the dive team and others					
	◆ Work in accordance with company nitrox operating procedures					
	◆ Prepare for and carry out emergency procedures and drills					
	◆ Participate in nitrox safety briefings					
	◆ Perform all activities so as to ensure safe continuity of work					

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D05/000/13 – Nitrox diving operations						
<ul style="list-style-type: none"> ◆ Benefits of using oxygen enriched air (nitrox) ◆ Importance of maximum operating depth ◆ Bail-out gas ◆ Oxygen exposure limits ◆ Operational limits 	<ul style="list-style-type: none"> ◆ Operate hardware systems and follow company procedures in support of surface supplied nitrox diving operations 					
	<ul style="list-style-type: none"> ◆ Participate in risk assessment for nitrox diving 					
D05/000/14 – Nitrox related diving emergency						
<ul style="list-style-type: none"> ◆ Oxygen convulsions ◆ Action in the event of exceeding maximum depth ◆ Changing gas mixes implications to decompression ◆ Recognition of symptoms of oxygen poisoning ◆ As a diver action in the event of an oxygen poisoning ◆ As a standby diver action in the event of a diving emergency involving nitrox ◆ Action in the event of a fire 	<ul style="list-style-type: none"> ◆ Follow nitrox emergency and contingency plans 					
	<ul style="list-style-type: none"> ◆ Participate in all nitrox diving emergency drills and in-house familiarisation 					
	<ul style="list-style-type: none"> ◆ Respond appropriately to a nitrox diving emergency 					
	<ul style="list-style-type: none"> ◆ Safely operate nitrox emergency and back-up systems 					

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Assessor and Verifier Record and Contact Details

Assessor or Verifier	Name	Job Title	Company Name & Company Stamp	Contact Details	Signature

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Assessor Notes

Code:	Please tick		Comments:	Assessor Signature:	Date:
	Part	<input type="checkbox"/>			
	Whole	<input type="checkbox"/>			
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Verifier Notes

Code:	Please tick		Comments:	Verifier Signature:	Date:
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