

Role:	D04 – Bell (Saturation 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 closed bell 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 employer company familiarisation	Signed log book confirming completion	
Completed first aid training to required standard	Current valid certificate	
<u>OR</u>		
Completed diver medic training		
<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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DEMO – Demonstration to Assessor/Verifier.

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D04/000/01 – 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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D04/000/02 – Bell operations						
<ul style="list-style-type: none"> ◆ Overall dive system configuration ◆ Internal/external bell checks ◆ Transfer under pressure (TUP) procedures and hazards ◆ Operation of the bell panel ◆ Dive tables ◆ Gas analysis system ◆ Environmental control system ◆ Gas resources and mixtures available ◆ Launch and recovery system operation ◆ Deployment from and recovery to the bell ◆ Diver rescue procedures ◆ Lost/trapped bell emergency procedures ◆ Umbilical handling procedures ◆ Bail-out systems and resources ◆ Hyperbaric evacuation and launch procedures 	<ul style="list-style-type: none"> ◆ Operate hardware systems and follow company procedures in support of closed bell diving operations 					
D04/000/03 – Life support system operation						
<ul style="list-style-type: none"> ◆ Functioning of saturation diving life support systems including gas reclaim equipment 	<ul style="list-style-type: none"> ◆ Operate the main components of saturation diving life support systems 					
	<ul style="list-style-type: none"> ◆ Identify and respond to deviations from normal operating conditions 					
D04/000/04 – Decompression						
<ul style="list-style-type: none"> ◆ Function and operations of a decompression chamber ◆ Internal/external chamber checks ◆ Operational and therapeutic decompression tables 	<ul style="list-style-type: none"> ◆ Operate a decompression chamber 					
	<ul style="list-style-type: none"> ◆ Undertake internal/external chamber checks 					
	<ul style="list-style-type: none"> ◆ Use operational and therapeutic decompression tables 					

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D04/000/05 – Diver recovery						
<ul style="list-style-type: none"> ◆ Procedures for recovery of the diver to the bell and bell to the system ◆ CPR/EAR procedures and techniques 	◆ Participate in diving drills					
	◆ Perform recovery procedures					
	◆ Perform CPR/EAR					
	◆ Prepare diving bell for leaving bottom					
D04/000/06 – Diving 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 saturation system/bell/DDC – emergency chamber abort – loss of communications/bell power/ hot water supply – loss of bell wire/umbilical/guide wire – lost/trapped bell – fire hazards/incidents – loss of air/gas – system failures, e.g. winch/ compressor – trapped diver procedures – loss of dive platform position – hyperbaric evacuation 	◆ Follow 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 including hyperbaric evacuation system					
	◆ Operate emergency and back-up systems					

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D04/000/07 – 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 	<ul style="list-style-type: none"> ◆ Identify hazards to umbilical safety ◆ Manage divers' umbilicals 					
D04/000/08 – 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 – <i>Diving operations from vessels operating in dynamically positioned mode</i>) – 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 	<ul style="list-style-type: none"> ◆ Dive safely within vessel-specific manoeuvring/positioning restrictions ◆ Carry out safe diving operations from vessels 					

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D04/000/09 – 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 					
D04/000/10 – 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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D04/000/11 – 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					

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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:
	Part	<input type="checkbox"/>			
	Whole	<input type="checkbox"/>			
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