Ballard Power Systems Europe A/S
Majsmarken 1
9500 Hobro
Denmark

Revision history		
Rev.	**Date.**	**Description**
001	1/27/2023	First Issue
002	2/10/2023	Reordered, missing items added
003	7/18/2025	Complete update of content
004	9/18/2025	Update, As build, Rev added for doc
005	11/17/2025	B99-002 included, E03-002 updated
006	12/3/2025	Updated as agreed with S Bremner

Document Title:	**BLPH Project - Index for M03**
Document Number:	K559-2254-CWIWP4202202-M98-001
Revision:	Rev006
Sequence Number:	001
File Name:	K559-2254-CWIWP4202202-M98-001Rev006
Purchaser Job:	K559-2254
Purchase Order:	CWIWP4202202
Code:	M98
Requsition Number:	n/a
Customer:	CrossWind C.V., Rotterdam, The Netherlands

MDR Index

SECTION	SUB SECT.	Rev	ITEM DESCRIPTION
A			**Commercial Data**
	A01	Rev 032	Supplier Document Register (SDR)
	A02	Rev 003	Fabrication-Production Schedule
	A03	Rev 001	Sub-Orders and Schedule
	A99	Rev 002	Project Execution Plan
B			**General Arrangements**
	B01	Rev 010	General Arrangements
	B99-001	Rev 002	Structural Calculations
	B99-002	Rev 002	Structural Calculations (Flatbed)
	B99-003	Rev 002	Container fire resistance
	B99-004	Rev 003	Smoke and Fire detection
C			**System Diagrams**
	C01	Rev 003	Instrument and Electrical Logic Diagrams
	C02	Rev 003	PFD
	C03	Rev 007	P&IDs
	C04	Rev 003	Bill of Materials
	C05	Rev 003	Piping Line List
	C06	Rev 008	Electrical Single Line Diagram
	C07	Rev 003	Cause and Effect Charts
	C08-001	Rev 004	Contol Philosophy and Logic Block Diagrams
	C08-002	Rev 005	Modbus Table for Main PLC
	C08-003	Rev 003	Control System Alarm List
	C99-001	Rev 002	Hydrogen Safety Concept
	C99-002	Rev 002	Hydrogen Preheating System Impact Assessment
D			**Data Sheets**
	D01	Rev 004	Utilities Schedule
	D03	Rev 002	1 MW Power Container Data Sheet
	D04	Rev 001	Noise Level Data Sheets
	D05	Rev 001	Material Safety Data Sheets
	D99	Rev 002	ATEX Components Data Sheets
E			**Instrument and Electrical Drawings**
	E03-001	Rev 002	Introduction and overview
	E03-002	Rev 003	UC20 40ft Control Cabinet
	E03-003	Rev 002	UC30 Coolant Skid Control Cabinet
	E03-004	Rev 003	UC31 10ft Control Cabinet
	E03-005	Rev 002	UC41 Coolant Skid VFD Cabinet
	E03-006	Rev 003	UC50 AC Power Distribution
	E03-007	Rev 003	Electrical Interface Documentation
	E03-008	Rev 001	UC42 EX Barrier
	E06	Rev 003	Computer System Documentation
	E14	Rev 003	Load List
	E99-003	Rev 002	Cable Transits Schedule

	E99-004	Rev 002	Earthing Layout
	E99-005	Rev 001	Secure Remote Access
	E99-006	Rev 001	Harmonic Study
G			**Calculations**
	G02	Rev 003	Process Utility Calculations
	G11	Rev 002	Reliability and Availability
	G24	Rev 003	Emergency Shut Down Valve
	G99-001	Rev 004	IEC60079-10 Analysis
	G99-002	Rev 003	Intrinsically Safe Calculations
H			**Performance Data**
	H09	Rev 001	General Performance Curves
J			**Materials Engineering**
	J02	Rev 002	WPS and PQR Records
	J04	Rev 003	Surface Preparation & Painting Specification
	J06	Rev 001	Hydrostatic and/or Pneumatic Testing Procedures
	J08-001	Rev 004	Acceptance Test Procedure (FAT)
	J08-002	Rev 001	Confirmation of Satisfactory FAT
	J08-003	Rev 003	FAT punch list
	J09-001	Rev 002	Leak Testing Procedure
	J99-001	Rev 005	Site Acceptance Test (SAT) Procedure
	J99-002	Rev 003	Test Matrix for FAT & SAT
	J99-003	Rev 002	Confirmation of Satisfactory SAT-Signature page
	J99-004	Rev 001	F10 Safety Checklist
	J99-005	Rev 001	F07 u0026 F08, Electrical safety SAT
	J99-006	Rev 001	EN 60204 Electrical safety test 10ft
	J99-007	Rev 001	EN 60204 Electrical safety test 40ft
	J99-008	Rev 001	EN 60204 Electrical safety test Cng Pltfrm
	J99-009	Rev 003	Ballard Method Statement
	J99-010	Rev 001	Ballard Risk assessment for container solution
	J99-011	Rev 001	Completed SAT Procedure
K			**Certification Data (Office Review)**
	K01-001	Rev 004	Declaration of Conformity (FCwave)
	K01-002	Rev 002	Declaration of Conformity (Container Solution)
	K01-003	Rev 004	Compliance H2 manifold Addendum (PED)
	K02-001	Rev 005	Equipment hazardous area certificates and schedule
	K02-002	Rev 007	ATEX Register
	K02-003	Rev 005	ATEX Design Journal
	K02-004	Rev 002	Personnel Competences Ex Work
	K03	Rev 001	Performance Test Results
	K11	Rev 001	Ingress Protection Certificates
	K12	Rev 002	Type Approval Certificates
L			**Certification Data (Work Review)**
	L01	Rev 002	Material Test Certificates
	L03	Rev 001	Welder Performance Qualification Certificates
	L07	Rev 001	NDE Records (incl. Operator Qual. Certificates and Production Te
	L09	Rev 002	Name Plate Photos
	L17	Rev 001	Proof Load Certification
	L19	Rev 001	Painting/Insulation Inspection Report

PED docum

PED class
Cattegory 1

Self certific
Header pip

M			**Compiled Dossiers**
	M98	Rev 006	Index for MDR
	M99	Rev 006	ATEX Verification Dossier
N			**Spares and Maintenance Data**
	N01-001	Rev 002	Integration Manual
	N01-002	Rev 004	Operator Manual
	N01-003	Rev 004	Service and Maintenance Manual
	N01-004	Rev 002	ATEX Zone Components Maintenance
	N01-005	Rev 002	Lockout Tagout
	N01-006	Rev 002	Fuel Cell Module Integration Manual
	N01-007	Rev 001	Fuel cell Maintenance manual
	N02	Rev 003	Recommended Start-up & Commissioning Spares
	N03	Rev 003	Recommended Spares for 2 Years
	N04	Rev 003	Special Tools List
	N07	Rev 002	Chemicals and Catalysts
	N08	Rev 002	Lubricants List
Q			**Quality Documentation**
	Q01	Rev 001	Quality Manual
	Q02	Rev 003	Quality Control Plan - ITP
	Q99	Rev 002	ATEX Inspections during manufacturing
R			**Packing, Shipping and Site Preservation**
	R01-001	Rev 001	Storage Procedures and Winterization
	R01-002	Rev 003	Transport and Handling Manual
	R01-003	Rev 001	Post-Transport Checklist
	R04	Rev 002	Preservation and ready for Sail Away

ıent

material
1

:ation
ıing