

Vendor Document Requirement Titles

Titles Count: 471

Sorted: VDR category / VDR Nr

VDR Nr	Title	
Project documents		Titles Count: 28
005	Project plan / handbook	
006	Detailed list of drawings and documents with document numbers to be submitted by Vendor	16
007	Planning schedule including milestones	
008	Detailed execution plan (planning)	
009	Monthly progress report	
010	List of subcontractors (for request) / Vendors	
018	Safety plan (V&G plan)	
019	Safety manual	
102	Project Schedule	
106	Sub - Suppliers List.	
107	Sub - Contractor List.	
207	Sub - Suppliers List..	3
208	Sub - Contractor List..	
552	Detailed list of drawings and documents to be submitted	5
564	Fabrication / Inspection Plan & Schedule	21
594	Commercial information	
598	General company introduction incl. most recent annual report	2
608	Photographs and brochures	
610	Options and alternative quotations	
612	List of preferred sub-suppliers	1
620	Brochures / General documentation	
621	Recycling information	
669	Projectplan, Plan of project approach	
670	Quality Plan..	
671	HES Plan (Health Environment Safety)	
672	SHEQ sheets (Safety Health Environment Quality)	
673	Planning, Time shedule	13
687	Catalogues and brochures	

Process documents		<i>Titles Count:</i>	7
587	Completed equipment data sheets		22
678	Completed motor data sheets		
685	Capacity calculations		10
704	Process diagrams according ISO 3511-1		5
705	Heat & Mass balance diagrams		2
706	Flow & Purity registration		
707	Calculation control/relief valves		1

Engineering documents		<i>Titles Count:</i> 187
014	List of erection consumables	
020	Ergonomic review study (maintenance and operation, safety)	
023	Documentation requirements, incl. coding structure	2
026	Hoisting plans	1
027	Load calculations	
028	Drawings of civil details, such as anchor bolts, cast in iron parts	
029	Floor drains and sanitary drainage requirements	
030	Strength calculations of steel structures	1
031	General arrangement drawings of steel structures	3
032	Detail drawings	
033	Lay-out drawings of platforms, stairs, etc.	
034	Pipe rack and pipe supporting steel drawings	
036	Hoist beams and crane rails	
037	Detail drawings Civil / Process connections	
039	Incinerator and steam boiler foundation	
040	General arrangement drawings showing all connections and anchor bolts locations	
041	Assembly drawings	1
042	Sectional drawings (arrangement)	
043	List of loadings (loading plan)	
044	Piping material data and specification	4
045	Bulk MTO as applicable	10
046	Piping routing plans	1
047	Basis of design	
048	Process Flow Diagrams (PFD's), heat / mass balance	
049	Piping and Instrumentation Diagrams (P & ID's)	4
050	Process description for P&ID's, incl. startup / shutdown sequence	
051	Equipment process data sheets (main technical data)	
052	Instrument process data sheets (field instruments / not for package units)	
053	Area classification memorandum	
054	Design, pressure drop and heat balance calculations	2
057	Equipment list (main)	
058	Line list	2
060	Calculations for restrictors / orifice plates and control valves	
061	List of Emergency Shut Downs (ESD)	
062	Battery limit process condition list	

<i>VDR Nr</i>	<i>Title</i>	
064	HAZOP / CHAZOP Study	
065	Electrical consumers list and electrical load list	
066	Emergency power consumers list	
068	Key one line diagram	
069	Hazardous area layout	
070	Power circuit diagrams (part electrical schemes)	
071	Electrical heat tracing drawings including calculations	
072	Lay-out drawings MCC and calculations	
073	Earthing schemes and details, protocol of initial grounding resistance	
074	Lightning protection	
075	Dimensional outline drawings	4
076	Cable-number list	2
077	Electrical calculations	
078	Electrical diagrams	
079	SIL study	
080	Measurement and loop diagrams	
081	Cable block diagrams/schematics	1
082	Connection drawings of PLC cabinets and marshalling cabinet	
083	Operation, control and safeguarding philosophy	4
084	Program listings	
085	I / O lists	2
086	Instrument index	3
087	KKS code list	
088	Instrument specifications	
089	Instrument location plan	
090	Bus connection drawings	
091	Wiring diagrams	2
092	Cause and effect diagram(s)	
093	Junction boxes (termination list)	
094	Description of interlocks	
095	Fail safe application study (part of HAZOP)	
096	Functional specification of control system	
097	Process control narratives-functional diagram	
098	Logic diagrams or functional descriptions	
099	System hardware configuration diagram	
100	Alarm and trip setting list	4

<i>VDR Nr</i>	<i>Title</i>	
101	Vendor Document List.	
110	General arrangement drawings	82
111	Drawings Showing Operational Envelopes.	
112	Component Drawings.	
113	ERC/ERS Arrangement Drawings.	
115	Cross Section Drawings.	
117	Design Data Sheets.	
118	Interface Drawings.	
119	Jetty Interface Loading Data.	
120	Weight and C of G data.	
150	Electrical Interconnection Diagram	
151	Electrical Circuit Diagram (Typical)	
152	Electrical Equipment component list with specifications	5
153	Data Sheets for Overload Protection Devices	
154	Instrument Data Sheets.	
155	Control Logic Diagrams.	
156	Hydraulic Circuit Diagram (Typical)	
157	Hydraulic Equipment List.	
158	Data Sheets for Hydraulic Components	
172	Product Hazard Data Sheets.	
201	Vendor Document List..	15
210	General arrangement drawings with loads / weights	30
211	Drawings Showing Operational Envelopes..	9
212	Component Drawings..	42
213	ERC/ERS Arrangement Drawings..	
215	Cross Section drawings..	3
217	Design Data Sheets..	8
218	Stress Report	8
219	FMEA report for Emergency Release System	
221	Interface Drawings..	8
222	Jetty Interface Loading Data..	
223	Weight and C of G data..	3
250	Electical Interconnection Diagram	6
251	Electrical Circuit Diagrams	
252	Electrical and Cable Routeing System	
253	Cable Schedules and inter connections	8

254	Electrical Equipment List_	
255	Data Sheets for Overhead Protection Devices	3
256	Instrument Data Sheets..	3
257	Hydraulic Circuit Diagram	12
258	Control Logic Diagrams..	7
259	Hydraulic Equipment List..	4
261	Data Sheets for Hydraulic Components.	3
262	Interface Data Sheets	4
404	Plant / Terminal Interface data	
412	Product Hazard Data Sheets..	
501	Panel drawings	2
502	Lay-out drawings E/I equipment	
503	Data communication details	
504	Datasheets filled out	
514	Painting specification and procedures (painting in conformity with specification)	
517	Operation curves	
520	Program of requirements regarding fire prevention, detection and fighting (incl. fire risk analysis)	
521	Risk prevention report (incl. fire detection/prevention system drawings)	
522	Information concerning noise levels per piece of equipment and for total installation	
523	Detail drawings Civil / Process interfaces including junction	
524	Turbine foundation calculations and drawings	
525	Pipe stress calculations for the pipeline bridge	
527	Calculations of natural frequencies of turbine / generator set	
528	Lighting drawings / calculations within enclosure of steam turbine / generator	
529	Emergency lighting layout schemes and drawings within enclosure of steam turbine / generator set	
530	Typicals of all electrical / instrumentation drawings	
532	Main cable routing	
533	Connection drawings of black boxes	
534	Legionella risk analysis and control plan	
536	Disign calculations (Actuator sizing)	
537	Name Plate drawing	
544	Foundation drawings with loads	6
545	Allowable nozzle loads	
546	Seal Assembly drawing	
547	Seal Barrierdrawing with Bill of Material	
549	List of exeptions and deviations to the specifications	

551	Completed Specification/data sheets	4
554	Fabrication/Shop Drawings	
555	Authority drawing	
557	Standard capacity curves	
560	Design Calculations (Cv β)	8
566	Risk Analysis	1
575	Result of the Hazard Analysis	
576	Surface preparation and coating procedure	
579	Documentation module/part	
580	Datasheets module/part	2
581	Sectional drawings & parts lists	
592	Completed datasheets / calculation sheets	1
593	Completed datasheets / valve calculation sheets	1
596	Document/Drawing list to be submitted by Vendor	3
597	Capacity/Performace Curve(s)	
603	Lifting lug calculation	
604	Calculations nozze loads	7
605	Construction & detailed drawings	5
609	Reuired information as indicated on the data sheet	
613	Configuration drawings of tank and agitator	
615	Detailed specification complete mechanical seal system	
619	Assembly drawings & parts lists	
629	Wiring / circuit diagrams	3
630	Connection diagrams/drawings	6
631	Installation diagrams/drawings	7
632	List of parts, incl. sectional drawing	9
633	Spare parts for commissioning if required	
644	General arrangement drawings showing all customer connections and foundation details	
647	Circuit diagrams	
648	Connecting diagrams	2
649	Control, Operaring and Safeguarding philosophy	
652	Civil drawings	
661	Equipment documentation	
662	Electrical motor documentation	
665	Appendages mechanical/piping	
666	Drawings suction vessel	

<i>VDR Nr</i>	<i>Title</i>	
667	Drawings piping system	
688	Performance curves	6
691	Explosion risk analysis	3
692	Foundation & block-out drawings with loads	5
693	Specification of equipment and instruments	5
741	Fire-risk analysis	
742	Lay-out drawings	1
746	Nozzle Loads	1

<i>Dimensions and Weights documents</i>	<i>Titles Count:</i>	5
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553	General arrangements (Dimensional sketches with weights)	9
618	General arrangement drawings & parts lists	25
676	Cross sectional drawings (inc. part list)	36
677	Nozzle orientations / elevations	3
721	General arrangement & fabrication drawings	60

<i>Mechanical data documents</i>	<i>Titles Count:</i>	6
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679	Mechanical seal details	
689	Mechanical seal details with Flushing plan details	5
719	Drawing & Document register	1
720	Design calculations	2
722	Piping general arrangement drawings	1
723	Mechanical data sheets	3

<i>Electrical data documents</i>	<i>Titles Count:</i>	9
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680	Electrical termination and hook-up details	
681	Consumers list and electrical load-list	7
694	Electrical single line diagrams	
708	Protection settings for relays/breakers	1
709	Signal and cable block diagram	1
711	Nameplates-list	13
713	Terminal/Junction box connection schematics	2
714	Motor control diagrams	2
745	Electrical lay-out drawings	

Hydraulics		<i>Titles Count:</i>	2
695	Schematic diagrams hydraulics		
696	Specifications/Data sheets hydraulics		
Instrumentation data documents		<i>Titles Count:</i>	3
682	Hook-up & Wiring schematics		5
710	Instrument cable-list		1
712	Applied software description		1
Environmental documents		<i>Titles Count:</i>	3
063	Emission points/concentration/quantities per unit time		2
531	Noise calculations within enclosure of steam turbine / generator set		
614	Noise/Sound level information (data)		11
Control / Software documentation		<i>Titles Count:</i>	15
658	Application software listing (including source code)		
659	Operaror displays (including source code)		
660	Interface lists		
724	PLC-programme (disk-listing)		3
725	PC-programme (disk-listing)		3
726	Description of PLC-programme		3
727	Description of PC-programme		3
728	System layout		2
729	Functional description		1
730	Sequence diagrams		2
731	Applied software		2
732	Emergency shut down description		
733	Emergency shut down diagrams		
734	Interlock description		
735	Start-up description		1
Pneumatic documents		<i>Titles Count:</i>	3
736	Pneumatic schematic diagrams		1
737	Air-consumption calculations		
738	Pneumatic data sheets		1

Quality assurance documents		<i>Titles Count:</i>	19
001	Quality plan for engineering, fabrication and approval (QA/QC)		2
003	Fabrication records (included in QA/QC plan)		
004	Inspection record book (included in QA/QC plan)		
103	Quality Assurance Manual.		1
104	Quality Plan		4
114	QC/DC Arrangement Drawings.		
123	Weld Procedure Qualifications.		
203	Quality Assurance Manual..		
204	Quality Plan.		3
205	Project Specific Quality Procedure		6
214	QC/DC Arrangement Drawings..		
226	Weld Procedure Qualifications..		
263	Design Calculation Book, Control System		
542	Lloyds letter of approval		
561	Fabrication report		
573	Letter of Conformity with requisition		
574	Manufacturing data report >>@delivery<<		22
643	Quality plan of Vendors activities		21
686	Manufacturing data books (All QA documents)		

Operating and Maintenance documents		Titles Count:	34
011	Unpriced orders / suborders or equivalent status of ordering >>@delivery<<		4
013	Trial run procedure		
017	Installation, operating, commissioning and maintenance manuals/instructions >>@delivery<<		82
059	Utility consumption & requirements (electrical and others if applicable)		5
105	Utilities Consumption List.		
116	Material List		
170	List of Operational Spares.		
171	List of Consumables.		
206	Utilities Consumption List..		3
216	Material List_		68
401	Onsite Preservation procedures		
405	Commissioning Procedures		
406	Operating Procedures		
407	Maintenance Procedures		
408	Lubrication Schedules		
409	List of Installation and Commissioning Spares		
410	List of Operational Spares..		
411	List of Consumables..		
519	List of special tools		5
538	Parts list, including sectional drawings and prices		10
567	Maintenance Manuals / Instructions		
568	Maintenance and calibration schedule		
585	User manual		
602	Personnal training manuals		
622	Operator- / Installation- / Maintenance- manual >>@delivery<<		4
637	QUOTATION for recommended spares for Testing		1
639	QUOTATION for recommended spares for commissioning		3
640	QUOTATION for recommended spares for 2 years continuous operation		10
645	Arrangement drawings mechanical seal flushing system including part list		
646	Arrangement drawings mechanical seal including part list		
663	Seal documentation Piping & Instruments		4
668	Operation manual		
743	Risk-of-failure analysis		
744	Risk-of-failure analysis of BTEX measurement, valve with control		

Spare parts documents

Titles Count: 3

016	Spare parts list / repair kit, recommended for two years operation including pricing
550	Recommended Spares QUOTATION for Commissioning
611	Recommended Spares QUOTATION for 2 years continuous operation

Construction / Installation documents		<i>Titles Count:</i>	41
021	Logistic plan for erection		
024	Temporary facilities		
025	Site layout during construction		
122	Welding Procedures / Specification.		1
126	Heat Treatment Procedures.		
127	Painting and Coating Specification.		2
128	Procedure for Arm Balancing		
130	Packing and Preservation Procedure		
202	Final Project Schedule		3
225	Welding Procedures / Specification..		
229	Heat Treatment Procedures..		
230	Painting and Coating Specification..		9
231	Procedure for arm Balancing_		
235	Packing and Preservation Specification		3
304	Dye Penetrant Examination Reports		1
307	Heat Treatment Records		
317	Concession and/or Repair Reports		
318	Packing List		
320	Punch Lists of Outstanding Items		
321	Punch List of Outstanding Actions		
402	Unpacking / Lifting Instruction		
403	Installation procedures		
508	Welding procedures specifications (WPS)		23
509	Welding procedures qualification record (WPQR)		8
510	Welders qualifications		4
513	Notifying Body (NOBO) certificates		
569	Transport and Lifting Plan with calculations		
570	Pickling and Passivating procedure		
583	Painting procedure		22
607	Painting records		
624	Hydrostatic test procedure		
625	Hydrostatic test report		
627	ATEX conformity certificate		
628	Manufacturing data book		1
653	As-built documentation		16

<i>VDR Nr</i>	<i>Title</i>	
664	Painting/Coating specification	
674	Construction manuals	
715	Drawings of panels and sub-panels	9
716	Control diagrams	1
717	Connection / Loop diagrams	
718	Instrument air supply lay-outs	

Inspection and Testing documents		Titles Count:	47
002	Fabrication, inspection shedule (included in QA/QC plan)		
012	Commissioning procedure manual		
015	Inspection and maintenance philosophy and maintenance schemes		
121	Weld Summary List.		
124	NDE Procedures.		1
125	NDE Operator Qualifications.		
129	Factory Acceptance Test Procedure.		
224	Weld Summary List..		3
227	NDE Procedures..		
228	NDE Operator Qualifications..		
232	Factory Acceptance Test Procedure..		1
233	Details of Test and Measuring Equipment		1
234	Test Acceptance Criteria		
260	Schedule, Pressure Control Valves		
302	NDE Reports		1
303	MPI Reports		1
305	Radiographs		
306	Ultrasonic Examination Reports		1
312	Factory acceptance Test Reports or Certs		1
319	Release Notes		
413	Acceptance test reports or certificats		
506	Test procedures		22
515	Coating test procedures/reports		2
535	Commissioning report acc. Model "Rapport van oplevering 2002"(Dutch NCP fire detection regulatory)		
539	Inspection report		
540	Test report(s) / curve(s) / certificate(s) >>@delivery<<		8
541	Non-destructive examination and destructive testing Results		
543	Installation plan		2
559	Testing curves and tables >>@delivery<<		
562	Factory Acceptance Test		
571	Passivating reports		
572	Dimension control report		
584	Installation manuals		
588	Calibration certificates/report(s) >>@delivery<<		4
599	Site Acceptance Test (SAT)		

VDR Nr **Title**

600	Testing plan	15
601	Installation checklist	1
606	Testing procedures	
616	Testing procedure	1
623	Performance test procedure	
642	Inspection plan	18
651	Test reports	1
683	FAT / SAT reports	11
698	Factory/Field test procedures of electrical equipment	1
701	Leak test procedure	4
703	FAT reports	1
739	FAT/SAT procedures electrical equipment	3

Certificates		<i>Titles Count:</i>	48
022	CE-Certificates for individual equipment and total installation as required by EC directives		
067	Electrical equipment list, certificates (documentation)		
108	Proof Test Certificates		
209	Proof Test Certificates >>@delivery<<		3
220	Third Party Design Certification		
301	Material Test Certification >>@delivery<<		1
308	Heat Treatment Certificates		
309	Pressure Test Certificates >>@delivery<<		1
310	Fire Test Certificates		
311	Third Party Certificates		1
313	Performance Test Certificate >>@delivery<<		1
314	Proof Load Certificates >>@delivery<<		
315	Weight and/or Weighing Certificates >>@delivery<<		1
316	Paint / coating records or Certificates		
505	Materials certificates (excluding documents with secret information)		
507	Test results and certificates (Leak -)		
511	Electric motor certificates / ATEX		7
512	Certificates of explosion safe materials		
548	EG Verklaring van Overeenstemming, type IIA , ATEX >>@delivery<<		
556	Authority Approval certificates >>@delivery<<		1
558	E-motor certificates and performance curves >>@delivery<<		1
563	Cleaning Certificate		
577	Certified dimensional outline drawings		
578	ATEX certificates >>@delivery<<		6
582	Authority drawings and calculations		
589	Certificates (material / ATEX)		
590	CE declaration of conformity / EMC / PED >>@delivery<<		9
591	Material certificates acc. EN 10204 3.1 >>@delivery<<		28
595	Shop test certificates		
617	Test certificates and tables >>@delivery<<		5
626	EC declaration of conformity >>@delivery<<		
634	Certificates of materials acc. EN 10204 3.1 >>@delivery<<		
635	Certificates Ex-safe ATEX >>@delivery<<		
636	SIL certificate		1
638	Ex-safe certificates (material & equipment) ATEX >>@delivery<<		4

641	Material certificates >>@delivery<<	15
650	Ex-certificates (materials & equipment) >>@delivery<<	
654	EG Verklaring van Overeenstemming, ATEX / PED >>@delivery<<	
655	CE declaration of conformity / ATEX >>@delivery<<	
656	CE declaration of conformity >>@delivery<<	6
675	Certificates >>@delivery<<	6
684	Declaration of Conformity (CE-Declaration)	2
690	CE declaration of conformity / II-A certificate	5
697	Type test certification of electrical equipment	4
699	EXD-certificates	1
700	Fabrication book with above mentioned document	
702	Leak test certificates	7
740	Pump test-certificates, curves and results	3

As Build Titles Count: 2

565	Technical dossier	
657	Supplier has to deliver to purchaser the engineering documents marked up with As Build information.	

******* Un known ***** Titles Count: 9**

000	Letters of transmittal	
035	Thermal load of equipment as to e.g. relevant for adjacent Lots	
038	Recess drawings	
055	Not applied yet	
056	Protection equipment process data sheets	
516	Design data book (if not included in other documentation)	
518	PED documentation (see Volume A)	8
526	Thermodynamic simulations and optimisation	
586	Requisitions	