


	<b>Soroush Mahestan Asaloyeh Company</b> <b>HDPE Project</b>	
	P.o. No.: KP-40-000-PS-MA-PO-0019	
	Document Title: Vendor Data Book Index (VDBI) for Refrigerator	Rev.: 03
	Document No.: VP-40-000-MA-0019-0009	Page 1 of 4

## Vendor Data Book Index (VDBI) for Refrigerator

<b>Code1</b>	<input type="checkbox"/> <b>Approved</b> No comment and the document is released for Manufacturing.
<b>Code2</b>	<input type="checkbox"/> <b>Approved with Minor Comments</b> VENDOR shall correct, revise and resubmit the document. The document can be released for Manufacturing if changes incorporated.
<b>Code3</b>	<input type="checkbox"/> <b>Commented</b> VENDOR shall correct, revise and resubmit the document by the date specified. The document shall be revised under the Status of "R: Revised Issue". All corrected documents shall be resubmitted before starting the Manufacturing Process.
<b>Code4</b>	<input type="checkbox"/> <b>Not Accepted (Rejected)</b> VENDOR shall re-work/re-design/re-specify the contents of the documents according to the comments/ reasons for rejection. All corrected documents shall be resubmitted before starting the Manufacturing Process. In this case, VENDOR shall not proceed with subsequent work until receiving Code 1 or Code 2 or No Code from CONTRACTOR/OWNER. VENDOR shall re-submit the documents with the same revision within (10) ten working days (including transmission/ mailing time) after receiving the commented documents from CONTRACTOR/OWNER.
<b>No Code</b>	<input type="checkbox"/> <b>NO Code (Only for "FOR INFORMATION" Documents and "As Built DWGs")</b> Document has been submitted for CONTRACTOR/OWNER's Information (FI). Consistency, completeness and correctness of document content is Vendor's responsibility.

Above checking results by EIED shall in no way relieve Vendor of any liability, obligation and responsibility out of the purchase order and the mutual agreement in writing




	<b>Date:</b>
	<b>Dept:</b>
	<b>Signature:</b>

**Only for internal review**

CV	PC	PI	EL	IN	ME	MA
ST	DC	AR	PR	SA	HV	TL




03	31.08.2024	F	For Approval	H.KA	M.OS	A.MA	A.MA
02	18.08.2024	F	For Approval	H.KA	M.OS	A.MA	A.MA
01	02.05.2023	F	For Approval	H.KA	M.OS	A.MA	A.MA
00	07.02.2023	F	For Approval	H.KA	M.OS	A.MA	A.MA
<b>Rev.</b>	<b>Date</b>	<b>Status</b>	<b>POI</b>	<b>PRE'D</b>	<b>CHK'D</b>	<b>APR'D</b>	<b>AUZ'D</b>



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### PART I (BOOK 1): Design and Manufacturing Manual / Document

ITEM	DOCUMENT NUMBER	DESCRIPTION	Latest Revision	As built required?(Y/N)	No. of Sheet
1	VP-40-000-MA-0019-0009	Final data book index	03	N	4
2	VP-40-000-MA-0019-0004	Sub-Vendor List	03	N	4
3	VP-40-000-MA-0019-0006	Special Tools List	01	N	5
4	VP-40-000-MA-0019-0007	Packing, Marking & Shipping Procedure	01	N	16
5	VP-40-000-MA-0019-0101	PFD	04	N	5
6	VP-40-000-MA-0019-0102	Piping And Instrument Diagram	04	Y	9
7	VP-40-000-MA-0019-0103	Utility Consumption List	01	N	3
8	VP-40-000-MA-0019-0104	Lubricant List	00	N	3
9	VP-40-000-MA-0019-0105	Compressor Package Data Sheet	04	N	14
10	VP-40-000-MA-0019-0106	Compressor Drawing	01	N	6
11	VP-40-000-MA-0019-0107	Oil Pump Datasheet and Drawing	02	N	8
12	VP-40-000-MA-0019-0108	Oil Heater Data Sheet & Drawing	00	Y	4
13	VP-40-000-MA-0019-0109	Pressure Vessel Datasheet & Drawings (Oil Separator, Filter Dryer, Oil Filter)	03	Y	25
14	VP-40-000-MA-0019-0110	Mechanical Calculation For Pressure Vessels	01	N	160
15	VP-40-000-MA-0019-0111	Heat Exchanger Datasheet & Drawings (Condenser, Evaporator, Oil Cooler)	03	Y	27
16	VP-40-000-MA-0019-0112	Mechanical Calculation For Heat Exchangers	01	N	603
17	VP-40-000-MA-0019-0113	Name Plate DWG	03	N	23
18	VP-40-000-MA-0019-0114	Cause & Effect Diagram	02	N	4
19	VP-40-000-MA-0019-0115	Noise Data Sheet	00	N	3
20	VP-40-000-MA-0019-0201	Control Description (Incl. Setpoints, Alarm & Trips)	03	N	31
21	VP-40-000-MA-0019-0202	Instrument & Control / Safety Valve Datasheet	04	N	81
22	VP-40-000-MA-0019-0203	Instrument Index List (Including Alarm & Trip Points)	05	N	4
23	VP-40-000-MA-0019-0204	Junction Box Connection Diagrams (Including Layout Drawing)	03	N	4
24	VP-40-000-MA-0019-0205	LCP & PLC Wiring Diagrams (Including Layout Drawing)	04	N	96
25	VP-40-000-MA-0019-0206	I/O-list	03	N	8
26	VP-40-000-MA-0019-0207	Logic Diagrams	01	N	50
27	VP-40-000-MA-0019-0208	Sizing Calculation ( CONTROL / SAFETY VALVE)	01	N	51
28	VP-40-000-MA-0019-0209	Instruments hookup diagram and MTO	03	N	21
29	VP-40-000-MA-0019-0211	Instrument Cable List	06	N	10
30	VP-40-000-MA-0019-0212	Loop Diagram	03	N	120
31	VP-40-000-MA-0019-0213	Control System Block Diagram	02	N	1
32	VP-40-000-MA-0019-0214	Modbus List	03	N	4
33	VP-40-000-MA-0019-0215	HMI graphic display	01	N	27
34	VP-40-000-MA-0019-0217	FAT procedure	01	N	23
35	VP-40-000-MA-0019-0218	SAT procedure	02	N	26
36	VP-40-000-MA-0019-0301	Electrical Cable List	03	N	4
37	VP-40-000-MA-0019-0302	Compressor Motor Datasheet, Performance Curve & Drawing	06	N	50
38	VP-40-000-MA-0019-0303	Oil Pump Motor Datasheet, Performance Curve & Drawing	02	N	13
39	VP-40-000-MA-0019-0304	Electrical Load List	04	N	3
40	VP-40-000-MA-0019-0307	Motor Terminal Wiring Diagram (all motors)	03	N	8
41	VP-40-000-MA-0019-0401	General Arrangement Drawing (2D) (*Tie-In Points , Skid Dimensions & Orientation)	04	Y	5
42	VP-40-000-MA-0019-0402	Painting Procedure	02	N	11

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### PART I (BOOK 1): Design and Manufacturing Manual / Document

ITEM	DOCUMENT NUMBER	DESCRIPTION	Latest Revision	As built required?(Y/N)	No. of Sheet
43	VP-40-000-MA-0019-0403	Valve List	00	N	5
44	VP-40-000-MA-0019-0404	Line List	02	N	5
45	VP-40-000-MA-0019-0405	3D Model	02	Y	3
46	VP-40-000-MA-0019-0406	Lifting Plan	00	N	5
47	VP-40-000-MA-0019-0407	Skid Foundation Drawing (Incl. Static & Dynamic Load)	02	N	2
48	VP-40-000-MA-0019-0408	Insulation specification and MTO	00	N	5

### PART II (BOOK 2): Operating and Maintenance Data

ITEM	DOCUMENT NUMBER	DESCRIPTION	Latest Revision	As built required?(Y/N)	No. of Sheet
1	VP-40-000-MA-0019-0005	Spare Part List for Commissioning & Start-up and Two Years Operation	05	N	5
2	VP-40-000-MA-0019-0008	Installation and Operation Manual (IOM)	00	N	178
3	VP-40-000-MA-0019-0216	PLC Catalogue/User Manual	00	N	1055

### PART III (BOOK 3): Manufacture's Data Report

ITEM	DOCUMENT NUMBER	DESCRIPTION	Latest Revision	As built required?(Y/N)	No. of Sheet
1	VP-40-000-MA-0019-0003	Inspection And Test (ITP)	02	N	22
2	VP-40-000-MA-0019-0501	Compressor Test Procedure	01	N	36
3	VP-40-000-MA-0019-0502	Test Procedure For Pressure Vessels And Heat Exchangers	01	N	51
4	VP-40-000-MA-0019-0503	Weld book WPS/PQR/Weld map	01	N	199
5	VP-40-000-MA-0019-0504	NDT Procedure	00	N	104
6	-	Test Reports & Certificates for Compressor	-	N	70
7	-	Test Reports & certificates for Compressor Motors	-	N	212
8	-	Test Reports & Certificates for Oil Pump	-	N	45
9	-	Test Reports & Certificates for Oil Pump Motors	-	N	70
10	-	Test Reports & Certificates for Oil Filters	-	N	8
11	-	Test Reports & Certificates for Oil Heaters	-	N	25
12	-	Test Reports & Certificates for Oil TCV	-	N	20
13	-	Test Reports & Certificates for Coupling	-	N	146
14	-	Test Reports & Certificates for Pressure Vessels	-	N	390
15	-	Test Reports & Certificates for Heat Exchangers	-	N	1263
16	-	Test Reports & Certificates for Skids	-	N	39
17	-	Test Reports & Certificates for Piping	-	N	50
18	-	Test Reports & Certificates for Manual Valves	-	N	97
19	-	Test Reports & Certificates for Control Valves	-	N	113
20	-	Test Reports & Certificates for On/Off Valves	-	N	29
21	-	Test Reports & Certificates for Pressure Safety Valves	-	N	63
22	-	Test Reports & Certificates for Level Gauges and Level Transmitters	-	N	425
23	-	Test Reports & Certificates for Field Instruments	-	N	168
24	-	Test Reports & Certificates for Tube and Fittings	-	N	10
25	-	Test Reports & Certificates for Junction Box and LCP	-	N	166
26	-	Test Reports & Certificates for PLC	-	N	4932
27	-	Packing List & IRN	-	N	39