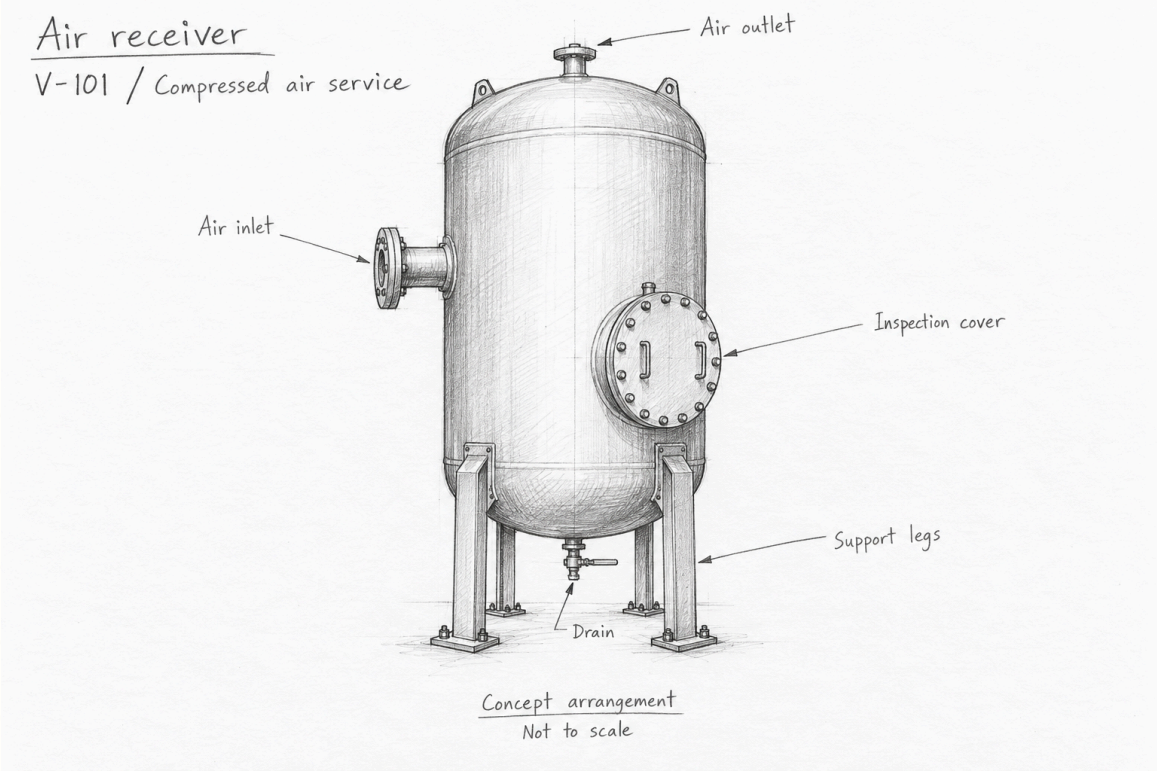
MANUFACTURING RECORDS / REVISION C

Manufacturing Data Book

Air receiver

V-101



CONCEPT SKETCH / NOT A FABRICATION DRAWING

ALL PROJECT DATA FICTITIOUS

PROJECT
AR-2026-011 / Utility air system

MANUFACTURER
Example Fabrication Co.

PURCHASE ORDER
DEMO-PO-26011

SERIAL NUMBER
DEMO-AR-0011

Vertical compressed-air receiver with dished heads, inspection cover, inlet and outlet connections, bottom drain and support legs. This excerpt follows shell and head material references through to three related weld records.

> **Issue purpose: documentation review.** Four-page illustrative excerpt. An outstanding examination report is recorded on page 4; this book does not demonstrate equipment acceptance or release.

02 / DOCUMENT CONTROL

Document register

Air receiver / V-101

V-101 / AR-2026-011 / DEMO-AR-0011
Numbered pages are included in this excerpt. “Ref. only” identifies illustrative supporting documents that are not reproduced here. “—” means no revision recorded.

SEC.	DOCUMENT / DESCRIPTION	REV.	LOCATION
00	MDB-V101-001 Cover & equipment identification	C	1
00	IDX-V101-001 Document register	C	2
01	DS-V101-001 Equipment data sheet	B	Ref. only
01	GA-V101-001 Arrangement & component identification	B	Ref. only
02	ITP-V101-001 Inspection & test plan	B	Ref. only
03	MAT-V101-001 Material traceability register	C	3
03	MC-V101-001 / 002 / 003 Shell and head material certificates	A	Ref. only
04	WLD-V101-001 Weld & examination record review	C	4
04	WPS-V101-001 / WPQ-V101-007 Welding procedure / welder qualification	A	Ref. only
05	VT-V101-001 / 002 Visual examination reports: W-01 / W-02	A	Ref. only
05	VT-V101-003 Visual examination report: W-03	—	Pending
06	PT-V101-001 Pressure test record	—	Not shown
07	REL-V101-001 Final inspection / release documentation	—	Not issued

Review focus: material identities and weld-to-report references. The remaining project dossier is outside this excerpt.

Open item DR-01: VT-V101-003 has not been received in the fictional review scenario. See page 4.

03 / MATERIAL TRACEABILITY

Material traceability

Shell and dished heads / V-101

Component marks refer to the illustrative arrangement GA-V101-001, Rev B. This limited register covers the shell and heads only; nozzles, reinforcement, supports and consumables are outside the excerpt.

MARK / COMPONENT	HEAT REFERENCE	CERTIFICATE REFERENCE	RELATED WELDS
SP-01 Shell plate	DEMO-H7111	MC-V101-001 / A	W-01, W-02, W-03
HD-01 Top dished head	DEMO-H7112	MC-V101-002 / A	W-02
HD-02 Bottom dished head	DEMO-H7113	MC-V101-003 / A	W-03

TRACE 01 Follow the top-head connection

COMPONENT
HD-01
Top dished head

HEAT
DEMO-H7112
Material identity

CERTIFICATE
MC-V101-002
Revision A

HD-01 joins shell SP-01 at weld W-02. The corresponding examination reference, VT-V101-002, appears in the weld review on page 4.

CHECK What the reviewer checks

The component mark, heat identification and certificate reference must agree across the project records. Recording a document number does not establish material suitability or certificate acceptance.

> **Illustrative references only.** No material grades, chemical results, mechanical properties or certification claims are inferred. Original certificates are not included in this sample.

PREPARED FOR
Manufacturer document review

VALIDATION STATUS
Fictitious example / unsigned

04 / WELD RECORD REVIEW

Weld & examination register

Documentation review / V-101

Illustrative visual examination references for three shell/head welds. Examination extent, acceptance criteria and any additional NDE must follow the actual approved project requirements. No physical inspection has been performed for this example.

WELD	COMPONENT CONNECTION	PROCEDURE / QUALIFICATION	REPORT / DOC. STATUS
W-01	SP-01 longitudinal seam	WPS-V101-001 / A WPQ-V101-007 / A	VT-V101-001 / A REFERENCE RECORDED
W-02	SP-01 to HD-01 Shell / top head	WPS-V101-001 / A WPQ-V101-007 / A	VT-V101-002 / A REFERENCE RECORDED
W-03	SP-01 to HD-02 Shell / bottom head	WPS-V101-001 / A WPQ-V101-007 / A	VT-V101-003 / — AWAITING REPORT

DR-01 / Outstanding examination report

Missing record: VT-V101-003 for weld W-03.

Action: request the report from the examination provider, verify its weld and equipment references, then update this register and the document index.

Owner: manufacturer QC coordinator.
Closure: pending document receipt and review.

LINK Back to the source material

W-03 connects SP-01 (DEMO-H7111 / MC-V101-001) to HD-02 (DEMO-H7113 / MC-V101-003). Both component references are listed on page 3.

DOCUMENT REVIEW
Open item / demonstration only

EQUIPMENT RELEASE
Not issued / no approval implied

The records above illustrate dossier organisation. They are not signed inspection reports, evidence of compliance or a release certificate.