

Rosemount™ DOCS Documentation and DOCD Documentation Databook

The collage includes several key documents:

- Rosemount™ 3051 Wireless Pressure Transmitters**: Reference Manual (00813-0100-4100, Rev. AA, May 2017).
- Rosemount™ 975UR Ultraviolet Infrared Flame Detector**: Product Manual (00813-0100-4100, Rev. AA, May 2017).
- Quality Management System**: A page with a photograph of an industrial facility.
- WELD MAP – Non Contacting Radar – 5400 – Furhoffs**: A technical drawing and specification sheet for Alloy 400, ISO 15613, detailing standards, materials, and processes.
- EMERSON Document Type: Procedure**: A page detailing calibration procedures for pressure transmitters, including sections for Purpose, Scope, Equipment, and Responsibilities.
- DOCD Databook Table**: A table listing customer documents to be filled out by the customer, with columns for Customer Name, Project Number, PO, PO Date, Document Title, SOE Code (if any), Submittal Purpose, and Initial Submittal Date.

Customer Document to be filled out by customer	Vendor Document Number	Document Title	SOE Code (if any)	Submittal Purpose	Initial Submittal Date
		ISO 9001:2008 Certificate / Revlon, CO, USA (Rosemount DP Flow)		For Information	10-May-2018
		Weld Map Guided Wave Radar C-276 ISO Plate 110		For Approval	09-Apr-2018
		Welding Procedure Specifications (PH Components)		For Approval	09-Apr-2018
		Duplex Thermowell WPS/PQR		For Approval	09-Apr-2018
		QW-483 Format for PQR (PH Components)		For Information	10-May-2018
		Level Process Radar Inspection & Test Plan (ITP)		For Approval	09-Apr-2018
		Matt Black Paint Finish Specification for 304 Carbon Steel Chambers (32095)		For Approval	09-Apr-2018
		Rosemount 205, 315, and 3095 Quality Plan		For Information	10-May-2018
		Type B Drawings		For Approval	09-Apr-2018
		Rosemount Documentation Databook		For Information	10-May-2018

- Remove project risks associated with documentation
- Reduce complexity of documentation requirements
- Ease the burdens of documentation management
- Maintain project schedules by reducing revisions

Rosemount DOCS Documentation and DOCD Documentation Databook

Take the uncertainty out of your project documentation with Rosemount DOCS Documentation and DOCD Documentation Databook, which clearly capture your project documentation requirements. Whether by direct email or upload, we can support your transmittal protocol and data management system. Our Documentation Controller Services ensure close coordination with your project team through final databook creation and submittal.

Reduce project risks

- Standard process, templates & tools ensure global consistency
- Detailed index provides comprehensive visibility to doc status
- Preview sample documents to remove uncertainty

Ease the burdens of documentation management

- Comprehensive offering of Quality, Test and Procedural documentation.
- Straightforward DOCS & DOCD models specify your project data and document deliverables
- Flexible documentation transmittal and upload protocol options to support your system

Keep your project documentation on track

- Receive Document Controller services to manage deliverables throughout your project
- Maintain project documentation alignment and schedule using our Data Management Software
- Reduce approval cycle time and complexity by referencing sample documents

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DOCS Ordering Information

Table 1. Rosemount DOCS Ordering Information

DOCS	Rosemount Documentation	
	Quantity of Rosemount Base Models⁽¹⁾	
xx	Number of Rosemount base models (01-10)	
	File Compilation/Composition	
F1	Standard, 1 file per Document Type	
F2	Custom file compilation/composition	
	Electronic Document Delivery Method	
DE	Electronic Transmittal via Email	
DM	Upload to Doc Management System	

Options

Document Coversheet		
C1	Emerson™ standard	
C2	Custom	
Document Index		
D1	Emerson standard index	
D2	Custom index	
Reference Manual Language Requirement		
L1	One language in addition to English standard	
L2	Two languages in addition to English standard	
Product Data Sheets		
DS	Product Data Sheets (PDS) same language as reference manual	
Quality Manual by Site		
QM	Rosemount site quality manual	
ISO Certification		
CT	Rosemount site ISO certification	
Rosemount Site Quality Assurance Notifications and Quality Assessment Reports		
QA	Rosemount site QAN / QAR	

Table 1. Rosemount DOCS Ordering Information

Pressure Equipment Directive		
PD	PED Documentation / Certifications	
HSE Documentation		
HS	Health, Safety, and Environment Certifications	
Shipping & Packing Procedures		
S1	Storage, Handling, Shipping, and Preservation Procedures for Record	
S2	Storage, Handling, Shipping, and Preservation Procedures for Approval ⁽²⁾	
Welding Procedures & Specifications⁽³⁾		
W1	Welding Procedures for Record	
W2	Welding Procedures for Approval	
Functional Test Procedures⁽³⁾		
F1	Functional Test procedures for Record	
F2	Functional Test procedures for Approval	
Calibration Test Procedures⁽³⁾		
CR	Calibration Test procedures for Record	
CA	Calibration Test procedures for Approval	
Dye Pen Test Procedures⁽³⁾		
T1	Dye Pen Test procedures for Record	
T2	Dye Pen Test procedures for Approval	
X-Ray Test Procedures⁽³⁾		
X1	X-Ray Test procedures for Record	
X2	X-Ray Test procedures for Approval	
Hardness Test Procedures⁽³⁾		
HTR	Hardness Test procedures for Record	
HTA	Hardness Test procedures for Approval	
Positive Material Identification Procedure⁽³⁾		
M1	PMI Procedures for specified instruments for Record	
M2	PMI Procedures for specified instruments for Approval	

Table 1. Rosemount DOCS Ordering Information

Hydrostatic Test Procedures⁽³⁾		
H1	Hydrostatic Test procedures for Record	
H2	Hydrostatic Test procedures for Approval	
Painting Specifications		
P1	Painting Specifications for Record	
P2	Painting Specifications for Approval	
Inspection and Test Plan		
PR	Inspection and Test Plan for Record	
PA	Inspection and Test Plan for Approval	
Product Quality Plans		
QP	Product Quality Plans	
Mean Time Between Failure Reports		
MT	Mean Time between Failure Reports	

1. Rosemount Base Models are defined by the first four characters in the instrument model code. For Pressure transmitters, use the first six characters.
2. 'Approval' of Documents refers to the purchaser's formal acceptance of the documents in accordance to stated requirements.
3. Refer to Tables 3 and 4 for applicable Rosemount Models.

Specifications

Rosemount DOCS model delivers electronic submission of all serialized Product Test Certificates ordered within the Rosemount instrument models and corresponding Instrument Reference Manuals. Additionally, it includes any optional documents selected from DOCS option codes found in Table 1.

Transmittal

All documents identified either in the Instrument Models or by DOCS model shall be accompanied by an Emerson Document Transmittal. The purpose of the transmittal is to provide project and customer reference data related to the document submitted as noted in Table 2. The transmittal is not intended to convey technical information.

Table 2. Transmittal Title Block

 Shakopee	Project Title/ Name:	RMD Training Project	Supplier Transmittal Document	
	Transmittal #:	999911-EMR-ABC-OT-00007	Issue Purpose:	IFA - Issued for Approval
	Customer Project Id#:	78945-01	Emerson Project Id#:	999911 - RMD Training Project
	Customer PO Number:	78945-01-A	Page:	
	Issue Date:	30-Oct-2017 12:00 AM	Expected Return Date:	14-Nov-17
	Originator:	EMR - Emerson	Recipient:	ABC Company
	From:	Susan	To:	Mary
	Remarks:			

Adjacent to the title block are the following document identifying attributes:

- Documentation File Name made up by project number, purchase order or contract number, document code and sequence number.

<u>Project #</u>	<u>PO #</u>	<u>Doc Code</u>	<u>Sequence #</u>
16006 -	PO123456789 -	Q8 -	0001

- Emerson Document ID
- Customer Document ID
- Customer Document SDRL Code
- Document Title
- Emerson Revision Number
- Customer Revision Number
- Emerson Document Status
 - **For Information** – not subject to revision
 - **For Approval** – submitted for Review and customer Acceptance prior to instrument release for manufacturing
 - **Final**- documents as Accepted and as Delivered
- Tags
- Emerson Sales Order Number

Document Size

The size of the documents is A-4 (letter) for European Union and Eurasian Economic Union. For North America the size of the documents is 8 ½” x 11”.

Language

The standard language for all documents is English. Some documents are available in other languages, consult factory for availability.

DOCS Options

Coversheet

If required, Documents will be accompanied by a coversheet (C1) containing both Customer Reference data and Emerson Reference data. A Revision History Table is located in the lower left portion of each coversheet and includes the Document Status. See [“Annex 1: Emerson Coversheet” on page 13](#).

Document Index

Emerson Documentation Deliverable Index (EDDI) lists all documents to be supplied. This index includes a scheduled supply date in addition to basic order and customer reference data. See [“Annex 2: Emerson Document Index” on page 14](#).

Quality, Product, and Test Documents

Quality Documents

Quality Manual (QM), ISO Certification (CT), Quality Assurance Notifications & Assessment Reports (QA), Pressure Equipment Directives (PD), Health, Safety and Environment Certifications (HS), and Storage, Handling, Shipping & Preservation Procedures (S1).

Product Documents

Reference Manual (L1), Product Data Sheets (DS) which define the Product Offering and Standards, Product Manufacturing Quality Plans (QP), and Product ‘Mean Time Before Failure’ Reports (MT).

Manufacturing Test Procedures

Dye Penetration (T1), X-Ray (R1), Hardness (HTR), and Positive Material Identification (M1), and Hydrostatic Tests (H1) are offered across Rosemount instruments as specified in their respective product literature. The Inspection and Test Plans (PR) indicate which tests are completed during the instrument manufacturing process. Procedures for these tests are available as indicated in Tables 3 and 4.

Other Documentation

Functional Test (F1) and Calibration Test (CR) along with Weld Procedure and Maps (W1) are conducted during instrument manufacturing and have serialized certificates with detailed Test Results. These are available for order as specified in the Instrument Product Data Sheet. Tables 5 and 6 provide reference of availability across Rosemount products.

For Record

Documents ordered For Record are not subject to revision and will maintain the status of For Information on Transmittals and Coversheets.

For Approval

Documents ordered For Approval will be managed by Rosemount Documentation Controllers through the customer approval process. Instruments are not released for manufacturing until customer approval has been received unless instructed otherwise.

Product Test Procedures

The reference tables below identify procedures available for Rosemount Instruments.

Table 3. Rosemount Test Procedures for Pressure, Temperature, Level, and DP Flow. Refer to Instrument Data Sheets for Applicability.

Procedures	Pressure	Temperature Transmitter, Sensor, Thermowell			DP Level (including DPT)		Process Level	Chamber	DP Flow Primary Element (1495,485,585,1195)
	2088, 2051, 3051,3051S (TG, TA, CG, CA, CD)	248, 644, 648, 3144P, 848T	065, 0185, 0078, 00183	0096, 0091, 114C	1199 Seals	ERS - SAM, SAL	5300, 5400, 5600	9901	485, 585, 405, 1495, 1595, 1195, SFx, CFx
Packing, Shipping & Storage	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Welding (WPS/WPQR)	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Hydro Test	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes
PMI Test	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Dye Pen Test	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Painting	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
Magnetic Particle Test	No	No	No	Yes	No	No	No	Yes (CS Only)	No
X-Ray for Welds	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Calibration Test	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No
Functional Test	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No
Hardness Test	If applicable	No	No	Yes	Yes	Yes	If applicable		No
Ultrasonic Test	No	No	No	If applicable			If applicable		No

Table 4. Rosemount Test Procedures for Analytical. Refer to Instrument Data Sheets for Applicability.

Procedures	Flame/Gas	Liquid Transmitters, Sensors	Combustion Analyzers
Packing, Shipping, & Storage	Yes	Yes	Yes
Welding (WPS/WPQR)	No	No	Yes
Hydro Test	No	Yes	No
PMI Test	Yes	Yes	Yes
Dye Pen Test	No	No	No
Painting	Yes	Yes	Yes
X-Ray for Welds	No	No	No
Calibration Test	Yes	Yes	Yes
Functional Test	Yes	Yes	Yes
Hardness Test	NA	NA	NA

Product Certifications

The reference table below identifies Certifications available for Rosemount Instruments.

Table 5. Rosemount Product Certifications for Pressure, Temperature, Level, and DP Flow. Refer to Product Data Sheets for detailed information & ordering.

Certification	Pressure	Temperature Transmitter, Sensor, Thermowell			DP Level (including DPT)		Process Level	Chamber	DP Flow Primary Element
	2088, 2051, 3051, 3051S (TG, TA, CG, CA, CD)	248, 644, 648, 3144P, 848T	065, 0185, 0078	0096, 0091, 114C	1199 Seals	ERS-SAM, Sal	5300, 5400, 5600	9901	485, 585, 405, 1495, 1595, 1195, SFx CFx
Calibration	Yes	Yes	No	No	Yes	Yes	Yes	No	No
Hydrostatic Test	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Approvals	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No
Material Traceability	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Material Conformity	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
NACE® MR0175 / ISO15156	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes
NACE MR0103	Yes	No	No	Yes	Yes	Yes	No	Yes	No
Weld PQR, WPQ, WPS	No	No	No	No	No	No	Yes	Yes	Yes
Weld WPQ	No	No	No	No	No	No	Yes	Yes	Yes
Weld WPS	No	No	No	No	No	No	Yes	Yes	Yes
Dye Penetrant	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes
X-Ray / Radiography	No	No	No	Yes	Yes	Yes	No	Yes	Yes
Positive Material Identification	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Calibration to GOST	As applicable	As applicable	As applicable	No	No	As applicable	As applicable	No	No
SIS, Proven-In-Use	As applicable	Yes	No	No	No	Yes	Yes	No	Yes
SIS to IEC61508	As applicable	As applicable	No	No	No	Yes	As applicable	No	No

Table 6. Rosemount Product Certifications for Analytical. Refer to Product Data Sheets for detailed information & ordering.

Certifications	Flame	Gas Detection	Liquid	Combustion
Calibration	Yes	NA	Yes	Yes
Hydrostatic Test	NA	NA	Yes	NA
Approvals	Yes	Yes	Yes	Yes
Material Traceability	NA	NA	Yes	Yes
Material Conformity	NA	NA	Yes	Yes
SIS to IEC61508	Yes	NA	NA	NA

DOCD Documentation Databook

Table 7. DOCD Product Offering

DOCD	Rosemount Document Databook
	Binder Requirements
1	A4, 4-Ring Rosemount Standard
2	8 1/2 x 11, 3-Ring Rosemount Standard
3	Custom Binder
4	None PDF Only
	Index/Table of Contents Layout
S	Rosemount Standard
C	Custom
	Page Numbering Scheme
PN1	Rosemount Standard
PN2	Custom
	Databook Status Requirement
R	Record
A	Approval

Options

	Electronic Copy
F1	Electronic Copy, PDF
	CD
CD	Supply of Documents on CD Rom
	Number of CD
Nxx	Number of CD (01-20)

DOCD Specifications

DOCD Databook or Dossier contains documents as specified in the DOCS Model in addition to all documents identified in the Emerson Documentation Deliverable Index (EDDI) which may include Drawings and Serialized Product Certificates.

Binder Requirements

Rosemount DOCD Databook/Dossier is bound in A4 / A3 hardback white binders with four-hole/ three-hole ring binder mechanism and a maximum spine of five inches (127mm). The cover of the Final Databook /Dossier will have project reference data as indicated. If space permits, this data will also appear on the spine of the binder.

Index/Table of Contents

Rosemount DOCD Standard Table of Contents is indexed by document type and will be provided unless otherwise indicated (C). Bookmarks shall be used if documents are compiled to a PDF file.

Page Numbering Scheme

Rosemount DOCD Databook Standard is to number the pages in chronological order. If custom Databook page numbering is required indicate with option (PN2) from the ordering table.

Databook Status

Final Databook is submitted either for Record/Informational purposes or may be submitted for Approval. If approval of the physical Databook/Dossier is required, one sample will be supplied.

Annexes

Annex 1: Emerson Coversheet



Title: 3051 PRESSURE DRAWING

Project Number:	999911
Project Name:	RMD Training Project
P.O. Number	78945-01-A
Sales Order:	987654
Customer Name:	ABC Customer
Emerson Document ID:	999911-RMT-PRES-DWG-00006
Document Code (SDRL):	DWG
Customer Document Number:	78945-01-DWG-BP-01

Tag Numbers:

PT-301, PT-302

B		30-Oct-2017	For Approval
A		13-Oct-2017	For Approval
EMR Rev	Customer Rev	Date	Revision Status

1
Pages

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