

REQUIREMENTS FOR DOCUMENTS (RED)	Specification no.:	
	Related to: MSW-04-E part 1 u/i part 4 MSW-05-E/1	
	Page of	Rev.:
Fittings and flanges		
Legend: P = Number of prints DF = Digital file in PDF format W/O = Required number of weeks after purchase order issue ¹⁾ W/A = Required number of weeks after release by Gasunie Inspection ²⁾		

TYPE OF DOCUMENTS	REQUIRED							FOR NOTES, SEE PAGE 2
	Inquiry	For approval ³⁾			Final			
	P	P	DF	W/O	P	DF	W/A	
A GENERAL DOCUMENTS								
A1 General arrangement drawings								
A2 Manufacturing Data Book						X	0	
B ENGINEERING DOCUMENTS (Mechanical)								
B1 Construction drawings			X	3		X	2	
B2 Material parts list			X	3		X	2	
B3 Dimensional drawings and weight data for handling			X	3		X	2	
B4 Design calculations			X	3		X	2	
B5 Thermal design calculations								
B6 Completed data sheets								
B7 Data/curves								
B8 Test data/curves								
B9 Noise limitation data sheet								
B10 Vibration analysis								
B11 Hazard analyses								
C ENGINEERING DOCUMENTS (E&I)								
C1 Logic diagram/functional diagram								
C2 Wiring diagrams								
C3 Loop diagrams								
C4 Connection diagrams								
C5 EMC test proposal								
C6 EMC test report								
C7 ATEX explosion-proof certificates								
D OPERATING DOCUMENTS								
D1 Installation instructions								
D2 Operating manual								
D3 Maintenance manual								
D4 Spare parts list								
E INSPECTION AND TEST DOCUMENTS								
E1 Inspection and Test Plan (ITP) ⁴⁾			X	3		X	0	

GENERAL NOTES TO REQUIREMENTS FOR DOCUMENTS (RED)	Specification no.:	
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General:

- All documents required for inquiry shall be submitted with the quotation to Gasunie's Procurement Department.
- All documents shall be submitted to Gasunie with a properly addressed transmittal form (GTS_REQ-003 and GTS_REQ-004) for the attention of the department as specified.
- Any deviations from the timing for submission of documents shall be notified to Gasunie's Procurement Department by letter or e-mail.
- Each document shall bear the item or tag number and the Gasunie purchase order number and shall be dispatched in time to meet the required dates as specified in the purchase order.
- All documents should preferably be in Dutch. English may be used as an alternative.
- Dimensions used on engineering documents shall be in SI units. Nominal pipe sizes may also be indicated in imperial units between brackets.
- The following standard sizes shall be used: A4, A3, A2 and A1.
- Drawings consisting of five or more pages shall be treated as a package. A package shall include a front page, an index page and a revision page. The lay-out of these pages shall be submitted to the supplier by Gasunie's engineer.
- Data sheets are to be completed if applicable.

Notes:

- Lead time for Gasunie approval is 10 working days. Shop fabrication shall not be started before the required engineering documents have been released for construction (A- or B-approved) by Gasunie.
- Release note will be submitted after Manufacturing Data Book has been uploaded on Qdocs.
- Documents such as drawings, calculations and the like that already have been approved by Gasunie are not required for resubmission for approval in the case of the following Purchase Order(s).
- Approval on major aspects. Final approval during Pre Inspection Meeting after engineering documents have been "released for construction".

Manufacturing Data Book:

Contents:

- General documents
- Engineering documents (Mechanical)
- Engineering documents (E&I)
- Operating documents
- Inspection and test documents*

* E1 Approved ITP followed by documents as mentioned in the ITP.