

REQUIREMENTS FOR DOCUMENTS (RED)					Specification no.:			
					Related to: MSW-06-E			
Insulating pipe connections					Page of		Rev.:	
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		5	X	3	1	X	2
B2	Material parts list		5	X	3	1	X	2
B3	Dimensional drawings and weight data for handling							
B4	Design calculations		5		3	1	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⁾		5	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.