


Technical Documentation / ESRs for CE Marking of Pressure Equipment				
Manufacturer:		Technical File No.:		
Pressure Equipment:		Rev No.:		Job No.:



Design / Operating Conditions			
Pressure:	MAP		
Temperature:	MAT		Min T

Drawings and Diagrams		
Document No.	Rev No.	Description


Calculations / Test Results			
Document No.	Rev No.	Method	Description

Description for Understanding of Drawings

Potential Hazards Due to Pressure	
Potential Loadings:	
Possible Failure Modes:	
Operating Conditions:	
Foreseeable Misuse:	
Other Relevant Directives:	

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Who is The Responsible Person For	
Hazard Analysis:	
Design For Adequate Strength:	
Operational Design:	
Safety Design:	
Material Selection:	
Manufacture & Testing:	
Overall Manufacturer's Responsible Person:	


Hazard Category	
Nature of Fluid Gas/Liquid:	
If Liquid, is Vessel Fully Flooded at All Times:	
Fired/Heated, Steam, S/heated Water >120°C	
Fluid Group – Dangerous 1, Others 2:	
Pressure Bar:	
Volume/DN:	
Table No.:	
Hazard Category:	

Conformity Assessment Module				
Category	Conventional Inspection		Quality Assurance	
	Single Prod	Mass Prod	Single Prod	Mass Prod
I	A	A*		
II	A1	A1*	D1 or E1	D1 or E1
III	B1+F	B+C1	B1+D or H*	B+E or H*
IV	G	B+F	H1	B+D
Conformity Assessment Module				
Global Conformity of Assembly				
Application to Notified Body				

* One off production of vessels and equipment in Category III, referred to in Article 3 § 1.2 (fired or otherwise heated pressure equipment) manufactured under Module H, the Notified Body performs the final assessment. (Ref. Article 10 § 1.6)

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Harmonized Standards Used in Full or Part		
Standard No.	Issue	Applicable to

Design (Solutions Adopted)			
Essential Safety Requirement			Applicability/Solutions
Scantling Design	2.2	Design For Adequate Strength	
	2.6	Corrosion & Chemical Attack	
	2.7	Wear	
	7.1	Within Max Membrane Stress	
	7.2	Joint Efficiencies	
	7.4	Hydro-Test Pressure	
	7.5	Material Characteristics	
Operational Design	2.3	Safe Handling & Operation	
	2.4	Means of Examination	
	2.5	Draining & Venting	
	2.9	Filling & Discharge	
	3.4	Operating Instruction	
Safety Design	2.10	Protection Against Exceeding Allowable Limits	
	2.11 / 7.5	Pressure Not Exceeds 1.1 PS	
	2.12	External Fire	
Manufacturing	3.1	Manufacturing Procedures	
	3.1.1 / 2	In-Process Inspections	
	3.1.4	Heat Treatment	
	3.1.5	Material Traceability	
	3.2.1	Internal / External Examinations	
	3.2.2	Proof Test	
	3.3	Marking & Labelling	
Fired Equipment	5	Specific Requirements For Fired Equipment	

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Piping	6	Specific Requirements For Piping	
Approval by Notified Body			

Joining Approvals		
Procedures:	Tested to EN 288	
Personnel:	Tested to EN 287	
Properties of Base Materials:	Impacts?	
PQR & WPS Approved by NoBo (Cats II, III & IV)		

NDE			
Personnel NDE Approvals for (Cats III & IV)	RT	RTPO Approved	
	UT		
	MT		
	PT		

Comments

Signed:		Date:	
Position:			

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