

CERTIFICATE FUNCTIONAL SAFETY DATA SHEET®

Holder	SHELL OMAN
Safety Instrumented System	Endress+Hauser Process Solutions AG - Overfill Prevention System
Location(s)	SHELL OIL OMAN Mina Al Fahal Muscat Oman
Basis of testing	IEC 61511:2003
Assessment includes	☒ Management of Functional Safety ☒ Hardware requirements ☒ Reliability requirements ☒ Software requirements ☒ User Documentation ☐ Site Acceptance Test (SAT)
Functional Safety Data	
Safety function(s)	MOPS - Manual overfill prevention system
Application software ID	Shell_Oman_17110013_V1_00_10.ACD
SAT report	SM_17110013_XX, Version V1.00.10, 2012.12.10
Safety Integrity Level Capability	3

Date 2013.06.20

Certifier



Tank	Safety Function	Sensor configuration	HFT	Mode
Tank 1	MOPS	FDL 61 + FEL67 + FTL670	0	Demand
Tank 2	MOPS	FDL 61 + FEL67 + FTL670	0	Demand
Tank 3	MOPS	FDL 61 + FEL67 + FTL670	0	Demand
Tank 4	MOPS	FDL 61 + FEL67 + FTL670	0	Demand
Tank 5	MOPS	FDL 61 + FEL67 + FTL670	0	Demand
Tank 6	MOPS	FDL 61 + FEL67 + FTL670	0	Demand
Tank 7	MOPS	FDL 61 + FEL67 + FTL670	0	Demand
Tank 8	MOPS	FDL 61 + FEL67 + FTL670	0	Demand
Tank 9	MOPS	FDL 61 + FEL67 + FTL670	0	Demand
Tank 10	MOPS	FDL 61 + FEL67 + FTL670	0	Demand
Tank 11	MOPS	FDL 61 + FEL67 + FTL670	0	Demand
Tank 12	MOPS	FDL 61 + FEL67 + FTL670	0	Demand
Tank 13	MOPS	FDL 61 + FEL67 + FTL670	0	Demand
Tank 14	Not used	Not used		
Tank 15	Not used	Not used		
Tank 16	Not used	Not used		