

RFD/RFW Number:
FLX-RFD-ALM-CU-0007
Issue
1.0

Spacecraft / Project	FLORIS	Originator's Name	Thomas Gandy	
System / Experiment / Model	FLEX	Signature / Date		
Sub-System		Request Type (Highlight applicable request)	Waiver (RFW)	Deviation (RFD)
Assembly	EQM/PFM	Organisation	Almatech	
Sub-Assembly	Calibration Unit	Ref. Doc. / Drwg No.	ALM-PRO-4163	
Item	-	References	-	
Serial No.	EQM, PFM			

RFW/RFD Title
Silicone material

End Items(s) Affected (Hardware, Software)				
Name	CI-Number	Model(s)		
Calibration Unit		EQM, PFM		
Requirement / Interface Documents Affected				
Specification/Drawing Title	Number	Issue	Date	App. Paragraph
FLORIS instrument product assurance requirements for subcontractors	FLX-RS-FNM-INS-0021	3	20.04.2018	10.1.4 & 11.48
Description of Deviation / Discrepancy / Non-Conformance				
FLO-INS-PA-REQ-0862 says : Silicone based and aromatic based materials shall be avoided and shall only be used with prior agreement of Leonardo				
FLO-INS-PA-REQ-1110 says : Silicone materials used in unpressurised systems shall be subject to review and approval via RFD/RFA/RFW				
Almatech need PCBs for the hall sensors. These PCBs have a conformal coating Silicone based.				
Other Items or Requirements (Potentially) Affected				
None				
Need for RFW/RFD and Rationale for Acceptance				
The proposed conformal coating is NUSIL CV-1152. This conformal coating is part of Syderal PID and is a standard space item as mentioned in ECSS-Q-70-71A..				

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RFD/RFD CLOSED	Name	Sign & Date	
		Approved	Rejected
Project Manager / Engineering: (Sub System)	Gianluigi Capo		
Engineering: (Almatech)	Marco Lai		
Product Assurance: (Almatech)	Thomas Gandy		
Project Manager: (Leonardo)			
Engineering: (Leonardo)			
Product Assurance: (Leonardo)			
Engineering (ESA)			
Contract Manager (ESA)			

Continuation sheet: