

Delivery Review Board Minutes
Cooler
CQM
19/8/03

SPIRE-RAL-MOM-001768

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Agenda.

Incoming inspection (ref SPIRE-RAL-REP-001767)

EIDP review

Acceptance review including test results

Plans for integration

Integration

Incoming inspection will be completed this pm.

Satisfactory, report completed by Eric Clark.

EIDP review

Section	Title	Comments	
1	C of C	OK	
2	Shipping docs	OK	
3	Open work	Non identified in this section, but there are some missing documents	
4	Transport and handling	OK	
5	CIDL/ASCL	OK	
6	Interface and top level drawings	OK	
7	Age sensitive items	OK	
8	Temp installation record	OK	
9	Log book	Historical log to be supplied	
10	List of waivers	No waivers	
11	NCRs	One open (heat switch)	
12	Mass record	1741 gms (1800 allocation)	
13	Cleanliness statement	OK	
14	Operating manual	To be supplied	
15	Test records	OK	

Integration

Carried out 20/8/03 am. No problems identified.

Note. It is recommended that a "red tag" be attached to the cooler when the transit screws are in place. The label should read TRANSIT SCREWS FITTED. The tag to be left in place until the screws are removed.

Acceptance review.

The test results were reviewed and discussed.

Tests with straps of lower conductivity have not been carried out.

It may be possible to do some tests on the PACS cooler, depending upon when it is required by PACS.

From the test results it is estimated that the evaporator heat switch off conductance is about $8\mu\text{W}$ more than it should be. This is probably caused by touching of the inner and out switch tubes.

Flight switches will be down selected from a larger batch. Radiography may be possible.

The CQM cooler is accepted by SPIRE

Eric Sawyer - RAL

Lionel Duband – CEA/SBT