



California Institute of Technology
Massachusetts Institute of Technology

Document Change Notice (DCN)

DCN No. E060183-00-D

Sheet 1 of 2

DOCUMENT No. (DOC-REV-GP.ID)	TITLE	NEW REV
D040431-B-D	SILICA TEST MASS	C
LIGO-E050190-A	Final Polish, LASTI End Test Mass (ETM)	B

CHANGE DESCRIPTION (FROM/TO):

D040431:

ZONE C6:

FROM:

⊥	.25	C	B
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TO:

⊥	.25	C
//	.25	B

ADD TO NOTES:

3. INTERPRET DRAWING PER ANSI Y14.5M 1994

REASON FOR CHANGE: mistake in callout

ACTION: Incorporate Change Attach DCN to Drawings Other Action (specify):

DISPOSITION OF HARDWARE (IDENTIFY SERIAL NUMBERS)	DCN DISTRIBUTION
<input checked="" type="checkbox"/> No hardware was affected (record change only):	LIGO/AdL management: excomm@ligo.caltech.edu AdL COC group: aligo_coc@ligo.caltech.edu AdL SUS group: aligo_sus@ligo.caltech.edu QA & Safety: tyler_w@ligo.caltech.edu
<input type="checkbox"/> List S/Ns which comply already:	
<input type="checkbox"/> List S/Ns to be reworked/scrapped:	
<input type="checkbox"/> List S/N's to be built with this change:	
<input type="checkbox"/> List S/Ns to be retested per this change:	
<input type="checkbox"/>	

SAFETY, COST, SCHEDULE, REQUIREMENTS IMPACT? NO YES (If YES, enter CR (CCB) or TCP (TRB) #)

APPROVALS:	DATE	OTHER APPROVALS (SPECIFY)	DATE
ORIGINATOR: J. Romie	8-24-06		
TASK LEADER:			
GROUP LEADER:			
DCC RELEASE:			



Document Change Notice (DCN)

CHANGE DESCRIPTION (FROM/TO):

E050109:

FROM:

Physical Configuration

According to

LIGO-D040431 Quad ETM Silica Test Mass, X dimension 200.0 ± 0.5 inches

Optical Surface Figure, Sides 1 and 2 - FLAT. Measured over the central 120 mm diameter

Surface 1: Flat to $1/10$ peak to valley, measured at 633 nm

Radius of curvature: >150 km

Surface 2: Flat to $1/10$ measured at 633 nm

Radius of curvature: $> \pm 20$ km

TO:

Physical Configuration

According to

LIGO-D040431 Quad ETM Silica Test Mass, X dimension 200.0 ± 0.5 millimeters

Optical Surface Figure, Sides 1 and 2 - FLAT. Measured over the central 120 mm diameter

Surface 1: Flat to $< 1/10$ Peak to Valley, measured at 633 nm

Surface 2: Flat to $< 1/3$ Peak to Valley, measured at 633 nm