



ISOMETRIC VIEW  
STANDARD TEST STATION

SHP PC	MARK	ASST PC	DESCRIPTION	LENGTH		SPEC	EST WEIGHT
				FT	INCHES		
			LEAK TEST STATION (3 REQUIRED)				X
3	ER59-A		EXHAUST LINE 40 MM				
	ER59-1	3	KF BELLOWS-SEALED STRAIT-THROUGH VALVE ELECTROPNEUMATICALLY OPERATED DN 40 KF "LEYBOLD" CAT. NO. 299 23 OR EQUAL			STN STL	X
	ER59-2	6	CLAMPING RING DN 40 ISO-KF "BALZERS" ORDER NO. BP 217 428-T OR EQUAL			ALUM	X
	ER59-3	6	CENTERING RING DN 40 ISO-KF "BALZERS" ORDER NO. BP 213 143-T OR EQUAL			STN/VITON	X
	ER59-4	3	HOSE NIPPLE DN 40 ISO-KF-45 "BALZERS" ORDER NO. BP 220 327 OR EQUAL	0	1 1/2	ALUM	X
	ER59-5	3	PVC HOSE WITH EMBEDDED STEEL WIRE SPIRAL -45 NOM. DIA "BALZERS" ORDER NO. B 2359 837BR OR EQUAL	40	0	PVC	X
	ER59-6	6	HOSE CLIP -45 NOM. DIA "BALZERS" ORDER NO. B 4163 111B OR EQUAL			STN STL	X
1	ER59-7		EXHAUST HOOD			CARB STL	X
3	ER59-8		6 DIA VACUUM DIAL GAUGE, WITH 1/4 MPT BOTTOM CONNECTION, HIGH ACCURACY "McMASTER-CARR" NO. 4105K2 OR EQUAL			BRONZE	X
3	ER59-B		EYACUATING ENCLOSURE LINE 40 MM				X
	ER59-9	3	KF BELLOWS-SEALED RIGHT-ANGLE VALVE W/QUICK-ACTING KNOB-MANUALLY OPERATED DN 40 KF "LEYBOLD" CAT. NO. 288 13 OR EQUAL			STN STL	X
	ER59-2	9	CLAMPING RING DN 40 ISO-KF "BALZERS" ORDER NO. BP 217 428-T OR EQUAL			ALUM	X
	ER59-3	9	CENTERING RING DN 40 ISO-KF "BALZERS" ORDER NO. BP 213 143-T OR EQUAL			STN/VITON	X
	ER59-10	3	PVC HOSE DN 40 ISO-KF "BALZERS" ORDER NO. BP 226 417-T OR EQAL	3	3 3/8	PVC	X
	ER59-11	3	TRIVAC B ROTARY VANE PUMP MODEL D65E 53.0 CFM (1500 LTR/MIN). POWER 3 HP. VOLTAGE 200-230/460 VAC. FREQ. 60 HZ. W/HYDROCARBON OIL, 40 KF FLANGE "LEYBOLD" CAT. NO. 91296-2 OR EQUAL				561
3	ER59-C		BACKFILLING LINE 40 MM				X
	ER59-9	3	KF BELLOWS-SEALED RIGHT-ANGLE VALVE W/QUICK-ACTING KNOB-MANUALLY OPERATED DN 40 KF "LEYBOLD" CAT. NO. 288 13 OR EQUAL			STN STL	X
	ER59-2	6	CLAMPING RING DN 40 ISO-KF "BALZERS" ORDER NO. BP 217 428-T OR EQUAL			ALUM	X
	ER59-3	6	CENTERING RING DN 40 ISO-KF "BALZERS" ORDER NO. BP 213 143-T OR EQUAL			STN/VITON	X
	ER59-10	3	PVC HOSE DN 40 ISO-KF "BALZERS" ORDER NO. BP 226 417-T OR EQAL	3	3 3/8	PVC	X

Date Received: 11/10/95	LIGO-D950059-02-B Contractor # CBI ER-59, Rev. 2
TIM #:	LIGO-
Date: / /	Approved:
TDM #:	LIGO-
Date: / /	Approved:
Gen'l Transmittal	LIGO-
Date: / /	Approved:

APPROVED

*M. Jellalian* 11/10/95  
CBI DATE

*J. Jones* 11/10/95  
CALTECH DATE

By	Chkd	Date	By	Chkd	Date

Supplier's/Purchaser's No. \_\_\_\_\_

**CBI**

LIGO PROJECT  
LEAK TEST ARRANGEMENT  
HELIUM HOOD ENCLOSURE EQUIPMENT

Customer's No. \_\_\_\_\_ Contract No. 930212ER

By BSA Chkd RDS Date 3-9-94 Dwg. ER-59 Rev. 2  
J. L. RINGEL-STETTER Engineering Supervisor Sheet - 2

LIGO-D950059-02-B

CAD FILE 3021059.DGN

▶ INDICATES CHANGE FROM PREVIOUS ISSUE