

Laser Interferometer Gravitational - Wave Observatory
LIGO
Beam Tube Bake Out
Assembly Summary
E980031-A-W

Assembly Number	Sub-Assembly Number	Description	Applicable Drawing #	Material Responsibility	Req.	Unit
A1		Portable 120/208 Volt, 3 Phase Service	E980023	Contractor	10	ea.
	A1-1	120/208 Volt, 225 Amp Panel 'A1'	E980008	LIGO	10	ea.
A2		Portable 120/208 Volt, 3 Phase Service	E980024	Contractor	4	ea.
	A2-1	120/208 Volt, 225 Amp Panel 'A2'	E980008	LIGO	4	ea.
A3		Portable 120/208 Volt, 3 Phase Service	E980025	Contractor	4	ea.
	A3-1	120/208 Volt, 225 Amp Panel 'A3'	E980008	LIGO	4	ea.
B2		Portable DC Power Supply with 277/480 Volt, 3 Phase, Metered Service	E980026	Contractor	4	ea.
	B2-1	277/480 Volt, 1000 Amp Panel 'B2'	E980008	LIGO	4	ea.
C1		120/240 Volt, 50 Ampere, 4 Wire, Single Phase, Weatherproof Power Cord Set	D980066	LIGO	4	ea.
C2-C12		Miscellaneous Cord Sets	D980067	LIGO	See Bill of Materials	
D		Tube Bakeout DC Tube Connection	E980028	Contractor	5	ea.
	D-1	Tube Bakeout DC Connector	D980068	LIGO	80	ea.
	D-2	Tube Bakeout DC Connection Box	D980083	Contractor	5	ea.
E		15 kV Transition Box	E980027	Contractor	14	ea.
F1		45 KVA Transformer Mounting Frame	D980074	Contractor	10	ea.
F2		45 KVA Transformer Mounting Frame with Feed Through	D980075	Contractor	4	ea.
F3		500 KVA Transformer Mounting Frame	D980076	Contractor	4	ea.
G		DC Shunt Cabinet	D980080	Contractor	4	ea.
H1		Heating Blanket Relay Box	E980006	LIGO	33	ea.

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H2		Heating Blanket Relay Panel	E980029	Contractor	2	ea.
	H2-1	Heating Blanket Panel 'H2'	E980006	LIGO	2	ea.
H3		Heating Blanket Relay Panel	E980029	Contractor	2	ea.
	H3-1	Heating Blanket Panel 'H3'	E980006	LIGO	2	ea.
H4		Heating Blanket Relay Panel	E980029	Contractor	2	ea.
	H4-1	Heating Blanket Panel 'H4'	E980006	LIGO	2	ea.
HC		Heating Blanket Cord Set	E980006	LIGO	275	ea.
HJ1		6 Way Heating Blanket Junction Box	E980006	LIGO	34	ea.
HJ2		2 Way Heating Blanket Junction Box	E980006	LIGO	26	ea.
I		DC Tube Connection Grounding	E980030	Contractor	3	ea.