ProGlass Item # T5136

SMITH-EMERY LABORATORIES
An Independent Commercial Testing Laboratory
781 E. Washington Boulevard - 2nd Floor Los Angeles, California 90021 ◆ (213) 745-5333 ◆ Fax (213) 749-7232

Project No.: 39617-1
Lab No. L-10-1617

October 18, 2010

CLIENT: *Attn : Jim Holland*
PROGLASS, INC.
P.O. BOX 581
WAUNA, WA 98395

SUBJECT: **SCE Fiberglass Trench Cover - Load Test**
SOURCE: Submitted to Smith-Emery Laboratories by Client on October 5, 2010.
TEST METHOD: General Engineering Procedure as per Client
DATE OF TEST: October 14, 2010

Report of Tests

MATERIAL DESCRIPTION: **P 48 (4' 3-3/8" x 2' 11-3/8")**

PROCEDURE:
The trench cover was placed in calibrated 0-100,000 pounds DK No. 1 Universal testing machine and a concentrated load was applied at the center of the total length, and 12-inches from one edge; using a 1/4-inch thick reinforced rubber pad (shore hardness "A" 80) on which a 1-inch thick 6-inch by 6-inch square steel plate was placed.

The load was applied to the assembly and deflection was monitored until failure occurred.

Results are as follows:

Test Number	*Trench Cover I.D.*	*Trench Cover Size*	*Maximum Load (Lbs.)*	*Deflection Max. Load (inches)*
2	P 48	4' 3-3/8" x 2' 11-3/8"	7,683	3.439

Observations : Sample cracked at the end of the test cycle.

Respectfully Submitted,
SMITH-EMERY LABORATORIES

Pingsheng Zhu
Registered Civil Engineer No.: C 72482
Registration Expires : 6-30-12

REGISTERED PROFESSIONAL ENGINEER PINGSHENG ZHU C72482 EXP. 6-30-12 CIVIL STATE OF CALIFORNIA

☐ **Materials Tested Comply With Specifications.**
☐ **Materials Tested Did Not Comply With Specifications.**
☑ **No Established Criteria for Acceptable Limits.**
☐ **For Information Only**

rc

CC: PROGLASS, INC ; SMITH-EMERY LABORATORIES

ProGlass Item # T5136