

cankat-essman, inc.
consulting engineers

July 6, 2004

International Dock Products Inc.
3101 SW 25 Street, Bay 106
Hallandale, FL 33009

Attention: Mr. Juan Pizarro

Re: Aluminum Dock Ladder
Our Job No. 04457

Dear Mr. Pizarro:

We have made a structural analysis of the dock ladder which your company manufactures, as depicted on the attached drawing.

We find that each ladder rung has a safe design capacity of 665 lbs uniformly distributed over the rung.

We also find the total safe design load on the ladder to be 3400 lbs (full load on more than 1 rung).

These design loads have a minimum safety factor of 1.75 against failure.

The calculation of these loads is based on accepted methods of analysis for the materials involved.

If there are any questions, please contact us.

Yours very truly,

Lawrence J. Essman

7/6/04

Lawrence J. Essman, P.E.

Att.: