



U. S. Department of Homeland Security
United States Coast Guard
Certificate of Approval

Coast Guard Approval Number: 164.137/17/0

Expires: 29 July 2013

WINDOWS (IMO)

MARITIME SERVICES CORP.
3457 GUIGNARD DRIVE
HOOD RIVER OR 97031

Class A-60 windows approved as meeting Part 3 of Annex 1 of the IMO FTP Code.

Approved for use as an integrated part of fire resisting divisions of Class "A-60." Maximum clear glass dimension is 1200 mm wide by 900 mm high. Window frame may be bolted or welded to bulkhead per manufacturer's instructions. IMO FTP Code test method: Res. A.754(18). Tested with fire exposure to interior side. Met thermal radiation test supplement and hose stream approval criteria.

Identifying Data: Southwest Research Institute (SwRI) Report Project No. 01.12694.01.319 dated 20 December 2007, Maritime Services Drawing MSC-001 (5 sheets) dated 22 October 2007, and USCG letter dated 29 July 2008.

Uses Pilkington Pyrostop 60-201 glass assembly.

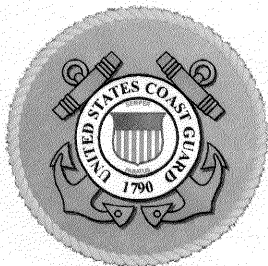
Factory: Hood River, OR

Follow-up Program: SwRI

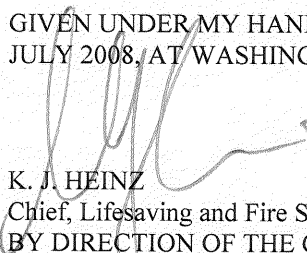
Approval valid only for products from above factory location.

*** END ***

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified herein complies with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the expiration date hereon unless sooner canceled or suspended by proper authority.



GIVEN UNDER MY HAND THIS 29th DAY OF
JULY 2008, AT WASHINGTON D.C.


K. J. HEINZ
Chief, Lifesaving and Fire Safety Division
BY DIRECTION OF THE COMMANDANT