



Indian Register of Shipping

Place : Mumbai

Date : 23 October 2013

Certificate No : 2013TAC049

TYPE APPROVAL CERTIFICATE

This is to certify that the fire fighting equipment as described below have been approved in accordance with national standard, included in our approved list of products and considered suitable for use in ships classed or intended to be classed with Indian Register of Shipping.

- Manufacturer** : **SHAH BHOGILAL JETHALAL & BROS.**
Gheekanta Road, Nr. Madhuram Cinema,
Ahmedabad – 380 001, Gujarat.
- Product Description** : Instantaneous type fire hose coupling (Male & Female - size 63mm)
Branch Pipe and nozzle (Jet Type)
Fire Hydrant Valve – Oblique Outlet & Straight Outlet (63mm)
Universal Branch Pipe - Triple Purpose nozzle (Jet and Spray type)
- Reference Standards** : -IS 903:1993 (as amended till June 2012), “Fire hose delivery couplings, branch pipe, nozzles and nozzle spanner – Specification”
-IS 5290:1993 (as amended till May 2006), “Landing Valves – Specification”
-IS 2871:2012, “Branch Pipe, Universal, for fire fighting purposes”
-M.S. Fire fighting appliances rules, 1990 (as amended)
- Intended Service** : Fire fighting system installed on board ship
- Conditions of Approval** : See Annexure - I
- Validity** : This approval is valid till 22nd October 2018


U.S. KALGHATGI
CHIEF SURVEYOR

This Certificate is issued upon the following terms and conditions as laid down in the Society's Regulations:-

"Whilst Indian Register Of Shipping (hereinafter referred to as IRS) and its Board / Committees use their best endeavours to ensure that the functions of IRS are properly carried out, in providing services, information or advice neither IRS nor any of its servants or agents warrants the accuracy of any information or advice supplied. Except as set out herein, neither IRS nor any of its servants or agents (on behalf of each of whom IRS has agreed this clause) shall be liable for any loss, damage or expense whatever sustained by any person due to any act or omission or error of whatsoever nature and howsoever caused of IRS, its servants or agents or due to any inaccuracy of whatsoever nature and howsoever caused in any information or advice given in any way whatsoever by or on behalf of IRS, even if held to amount to a breach of warranty. Nevertheless, if any person uses services of IRS, or relies on any information or advice given by or on behalf of IRS and suffers loss damage or expenses thereby which is proved to have been due to any negligent act, omission or error of IRS, its servants or agents or any negligent inaccuracy in information or advice given by or on behalf of IRS, then IRS will pay compensation to such person for his proved loss up to but not exceeding the amount of the fee charged by IRS for that particular service, information or advice.

Any notice of claim for loss, damage, or expense as referred to above shall be made in writing to IRS Head Office within six months of the date when the service, information or advice was first provided, failing which all the rights to any such claim shall be forfeited and IRS shall be relieved and discharged from the liabilities".

ANNEXURE - I

(TO TYPE APPROVAL CERTIFICATE NO. 2013TAC049 DATED 23RD OCTOBER 2013)

This approval is subject to following:

- 1) The material specifications of fire hose coupling, branch pipe, nozzle, fire hydrant valve and universal branch pipe are to conform to their respective IS standard. Any change in the material composition or manufacturing process affecting the approval would require reassessment of the works for continued approval.
- 2) Coupling is to be used in conjunction with approved fire hose.
- 3) Records of water tightness test and hydrostatic pressure test conducted as per IS 5290: 1993 on each fire hydrant valve, prior to supplying onboard ships are to be maintained for scrutiny during annual audit.
- 4) Each of the above products is to be clearly and permanently marked with details such as manufacturer's name, trade mark, year of manufacture etc., as mentioned in the referred IS standard.
- 5) Periodical tests are to be conducted on every production batch in accordance with respective standards.
- 6) Any revision to the applicable BIS standard would necessitate testing and re-approval of the firefighting equipment.
- 7) BIS license and ISO 9001 certificate are to remain valid throughout the validity of this certificate.
- 8) Annual audit being carried out by the surveyors of Indian Register of Shipping and Annexure II of the certificate being duly endorsed.


U.S. KALGHATGI
CHIEF SURVEYOR

ANNEXURE - II

(TO TYPE APPROVAL CERTIFICATE NO. 2013TAC049 DATED 23RD OCTOBER 2013)

The validity of this certificate is renewed on satisfactory completion of Annual Approval in accordance with the Society's Rules.

Signature _____

Surveyor's Name _____

IRS Stamp

Outport _____

Date _____

Signature _____

Surveyor's Name _____

IRS Stamp

Outport _____

Date _____

Signature _____

Surveyor's Name _____

IRS Stamp

Outport _____

Date _____

Signature _____

Surveyor's Name _____

IRS Stamp

Outport _____

Date _____
