



رده‌بندی آسیا  
Asia Classification



# TYPE APPROVAL CERTIFICATE

## گواهینامه تأیید نوع

This is to certify that  
بدین وسیله تأیید می‌شود که

### Deluge Valve – 6"

شیر سیلابی 6 اینچ

Manufactured by  
ساخته شده در

**Imen Tiar Engineering Co.**

Nazar Abad – Iran

شرکت مهندسی ایمن تیار  
نظرآباد- ایران

Is found to comply with  
با الزامات زیر در تطابق است

**ACS Type Approval Programme**

&

**UL 260**

*Application:*

کاربرد:

For Installation on vessels classed by ACS and others Industries.

Temperature range: 0 to 60°C

Max working pressure: 12 bar

برای نصب بر روی کشتی‌های تحت کلاس رده بندی آسیا و سایر صنایع

دمای کاری: 0-60 درجه سانتیگراد

حداکثر فشار کاری: 12 بار

Certificate No.: **ASIA/CE/02/047**

Issue Date: 02 Sep. 2023 - 1402/06/11

Expiry Date: 29 Aug. 2024 - 1403/06/07

File No.: 0I23TA9598

M.R Zafari  
Managing Director  
Asia Classification Society (ACS)



This certificate will be valid till the date of expiry, unless the applicant makes any changes and modifications to the approved product which have not been notified to, and agreed with ACS. The applicant is obliged to maintain the quality of the approved product in the condition agreed with ACS.

این گواهینامه تا تاریخ انقضاء ذکر شده معتبر خواهد بود، مگر اینکه درخواست کننده این تأییدیه تغییراتی در محصول تأیید شده ایجاد نماید که به اطلاع رده‌بندی آسیا نرسیده و در مورد آن توافق ننموده باشد. درخواست کننده این تأییدیه موظف است که کیفیت محصول مورد تأیید را در شرایط توافق شده با رده‌بندی آسیا حفظ نماید.

PF/CT/13-02

055294

## Product Description

Deluge valves will be installed in piping systems to supply water automatically to dry pipe/deluge/ and pre action sprinkler system for fire-protection service

### Type and size:

Flange type – 6 inches

### Material:

Body : Cast Iron (D.C.I)  
Inlet Flange : Ductile Cast Iron (D.C.I)  
Outlet Flange : Ductile Cast Iron (D.C.I)  
Bolt and Nut : Stainless Steel (S.Steel)  
Sleeve : Nitrile Butadiene Rubber (NBR)  
Sealing Disk : Polytetrafluoroethylene (PTFE)

### Application/ Limitation:

These valve may be used in Deluge fire sprinkler system  
Carbon steels and stainless steel grades 304,316,304L and 316 L are not permitted to use in sea water system  
The approval dose not include the pilot valve.

### Type Approval Documentation:

#### Test carried out:

From 26 Feb 2023 to 24 Aug. 2023 at the Manufacturer's accredited Lab.

### Production Testing and certification:

Production testing and certification for the actual intended application shall follow the latest applicable edition of the rules mentioned on the front page of this certificate.

### Marking of product:

Minimum marking requirements shall be as outlined in the valve design standard.

### Periodical assessment:

For Retention of the Type Approval a ACS survey shall perform periodically assessment every year (+/- 30 days ) to verify that the conditions for approval are complied with.

