

Certificate No: GLIS/AHD/NC/2013/CR-116

GLIS. Ref. No: 101-010-51003-116

## FIRE SAFE TEST CERTIFICATE

This certificate is issued to

### **M/s.NUTECH CONTROLS.**

156, Tribhuvan Ind. Estate,  
b/h. Kathwada GIDC, Kathwada,  
Ahmedabad-382430.

to certify that at their request the undersigned surveyor to Gulf Lloyds attended their work at,156, Tribhuvan Ind. Estate, b/h. Kathwada GIDC, Kathwada,Ahmedabad-382430. Ahmedabad on 26<sup>th</sup> May 2013, for the purpose of witness of fire safe test of 2 Pc. FB Gear Operated -Ball valve.

The scopes of Inspection & Approval are as bellow.

#### STANDARD SPECIFICATION

: API 607,6<sup>th</sup> Edition, 2010

#### TECHNICAL SPECIFICATION

Design Standard

: BS 5351 / ANSI B16.34

Construction

: Ball Valve (2 Pc. FB Gear Operated)

Size

: 6" ( DN 150 )

Class

: 600#

Valve Serial No.

: 150603

Valve Drg. No.

: NTC/BLV/150/600/01

#### MATERIAL OF CONSTRUCTION

Body

: ASTM A216 Gr.WCB.

Side Piece

: ASTM A216 Gr.WCB

Ball

: ASTM A351 Gr.CF8

Stem

: SS 304.

Body Seat

: NYLON

Gland Packing & Body Seal

: NYLON

Stud/Nut

: B7 / 2H

**Conclusion:** Ball Valve Sr. no. 150603 punched on flange had successfully passed fire safe test as per procedure outlined in API 607, 6<sup>th</sup> Edition, 2010 and witnessed by undersigned GLIS-India Surveyor on June. 26<sup>th</sup> May 2013. Temperature report, Test report and other calculation sheets are enclosed herewith after endorsement by us.

**Note :** GLIS-India, is to be notified of any changes in design of this valve that may affect the validity of this certificate.

Other Sizes Qualified

: 6", 8", 10", 12"

Other Pressure Class Qualified

: 600#, 800#, 900#

Date of Issue : 26<sup>th</sup> May, 2013

Issued at:

Ahmedabad

26.05.2013.

  
B. Jaykumar  
GLIS-INDIA SERVICES

GL-01

Place

Date

General Manager

**Certificate No:** GLIS/AHD/NC/2013/CR-117

**GLIS. Ref. No:** 101-010-51003-117

## FIRE SAFE TEST CERTIFICATE

This certificate is issued to

### **M/s.NUTECH CONTROLS.**

156, Tribhuvan Ind. Estate,  
b/h. Kathwada GIDC, Kathwada,  
Ahmedabad-382430.

to certify that at their request the undersigned surveyor to Gulf Lloyds attended their works at Kathwada, Ahmedabad on 27<sup>th</sup> May 2013, for the purpose of witness of fire safe test of Ball valves. The scopes of Inspection & Approval are as below.

#### STANDARD SPECIFICATION

: API 607,6<sup>th</sup> Edition, 2010

#### TECHNICAL SPECIFICATION

Design Standard

: BIS 5351 / ANSI B16.34

Construction

: Ball Valves (2 Pc. FB Gear Operated )

Size

: 8" ( DN 200 )

Class

: 900#

Valve Serial No.

: 200904

Valve Drg. No.

: NTC/BLV/150/900/01

#### MATERIAL OF CONSTRUCTION

Body

: ASTM A216 Gr.WCB.

Side Piece

: ASTM A216 Gr.WCB

Ball Solid

: ASTM A351 Gr.CF8

Stem

: SS 304.

Body Seat

: NYLON

Gland Packing & Body Seal

: NYLON

Stud/Nut

: B7 / 2H

**Conclusion:** Ball Valve Sr. no. 200904 punched on flange had successfully passed fire safe test as per procedure outlined in API 607,6<sup>th</sup> Edition, 2010 and witnessed by undersigned GLIS-India Surveyor on 27<sup>th</sup> May, 2013. Temperature report, Test report and other calculation sheets are enclosed herewith after endorsement by us.

GLIS-India, is to be notified of any changes in design of this valve that may affect the validity of this certificate.

Other Sizes Qualified

: 8", and Large

Other Pressure Class Qualified

: 900#, 1500#

Date of Issue : 27<sup>th</sup> May, 2013

Issued at:

Ahmedabad

27.05.2013.

  
B. Jayaram  
GLIS-INDIA  
GL-02

Place

Date

General Manager



Certificate No: MI/NC/2013/CR-336

MI. Ref. No: MI-VAD-336

**FIRESAFE TEST CERTIFICATE**

This certificate is issued to

**M/s. NUTECH CONTROLS**

156, Tribhuvan Ind. Estate,  
b/h. Kathwada GIDC, Kathwada,  
Ahmedabad-382430.

to certify that at their request the undersigned surveyor to Intertek Moody - India attend their work at 156, Tribhuvan Ind. Estate, b/h. Kathwada GIDC, Kathwada, Ahmedabad on 25<sup>th</sup> May, 2013, for the purpose of witness of fire safe test of Ball valve ( CS, 2 PC, FB, LEVER OPERATED). The scope of Inspection & Approval are as bellow.

**FIRE SAFE STANDARD SPECIFICATION** : API 607, 6th Edition, 2010.

**TECHNICAL SPECIFICATION**

Design Standard : BS 5351/ANSI 16.34  
Testing Standard : API 598 / BS: 6755 Part- I  
Construction : Ball Valve ( CS, 2 PC, FB, LEVER OPERATED).  
Size : 2" ( DN 50 )  
Class : 150#  
Valve Serial No. : 50151  
Valve Drg. No. : NTC/BLV/50/150/01

**MATERIAL OF CONSTRUCTION**

Body : ASTM A216 Gr.WCB.  
Side Piece : ASTM A216 Gr.WCB  
Ball Solid : SS 304.  
Stem : SS 304.  
Seat : PTFE.  
Gasket & Gland Packing : Grafoil.  
Fastners : ASTM A193 GR.B7.

**Conclusion:** Ball Valve Sr. no. 50151 punched on flange had successfully passed fire safe test as per procedure outlined in **API 607, 6th Edition, 2010** and witnessed by undersigned Intertek Moody - India, Surveyor on May 25<sup>th</sup> 2011. Temperature report, Test report and other calculation sheets are enclosed herewith after endorsement by us.

**Note :** Intertek Moody - India, is to be notified of any changes in design as per this drawing of this valve that may affect the validity of this certificate.

**Other Sizes Qualified** : 2" & below, 2 1/2", 3" & 4 "

**Other Pressure Class Qualified** : #150 & #300

**Date of Issue** : 25<sup>th</sup> May , 2013.

**Issued at:**

Ahmedabad

25. 05. 2013



Place

Date

Manager(Inspection)





**Certificate No:** MI/NC/2013/CR-337

**MI Ref. No:** MI-VAD-337

**FIRESAFE TEST CERTIFICATE**

This certificate is issued to

**M/s. NUTECH CONTROLS**

156, Tribhuvan Ind. Estate,  
b/h. Kathwada GIDC, Kathwada,  
Ahmedabad-382430.

to certify that at their request the undersigned surveyor to Intertek Moody - India attended their work at 156, Tribhuvan Ind. Estate, b/h. Kathwada GIDC, Kathwada, Ahmedabad on 28<sup>th</sup> May, 2013, for the purpose of witness of fire safe test of Ball valve ( CS, 2 PC, FB, LEVER OPERATED). The scope of Inspection & Approval are as bellow.

**FIRE SAFE STANDARD SPECIFICATION** : API 607, 6th Edition, 2010.

**TECHNICAL SPECIFICATION**

Design Standard	: BS 5351/ ANSI B16.34
Testing Standard	: API 598 / BS: 6755 Part- I
Construction	: Ball Valve (CS, 2 PC, FB, LEVER OPERATED).
Size	: 3" ( DN 80 )
Class	: 300#
Valve Serial No.	: 80302
Valve Drg. No.	: NTC/BLV/80/300/01

**MATERIAL OF CONSTRUCTION**

Body	: ASTM A216 Gr.WCB.
Side Piece	: ASTM A216 Gr.WCB
Ball Solid	: SS 304.
Stem	: SS 304.
Seat	: PTFE.
Gasket & Gland Packing	: Grafoil
Fastners	: S.S. 304

**Conclusion:** Ball Valve Sr. no. 80302 punched on flange had successfully passed fire safe test as per procedure outlined in **API 607,6th Edition, 2010** and witnessed by undersigned Intertek Moody- Surveyor on May 28<sup>th</sup> 2013. Temperature report, Test report and other calculation sheets are enclosed herewith after endorsement by us.

**Note :** Intertek Moody - India, is to be notified of any changes in design as per this drawing of this Valve that may affect the validity of this certificate.

<b>Other Sizes Qualified</b>	: 3", 4", 5" & 6".
<b>Other Pressure Class Qualified</b>	: 300#, 400#, 600#

**Date of Issue** : 28<sup>th</sup> May, 2013

<b>Issued at:</b>	
Ahmedabad	28. 05. 2013



**B.P. BHAVSAR**

<b>Place</b>	<b>Date</b>	<b>Manager(Inspection)</b>
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